

Planning



Norwegian Mapping Authority
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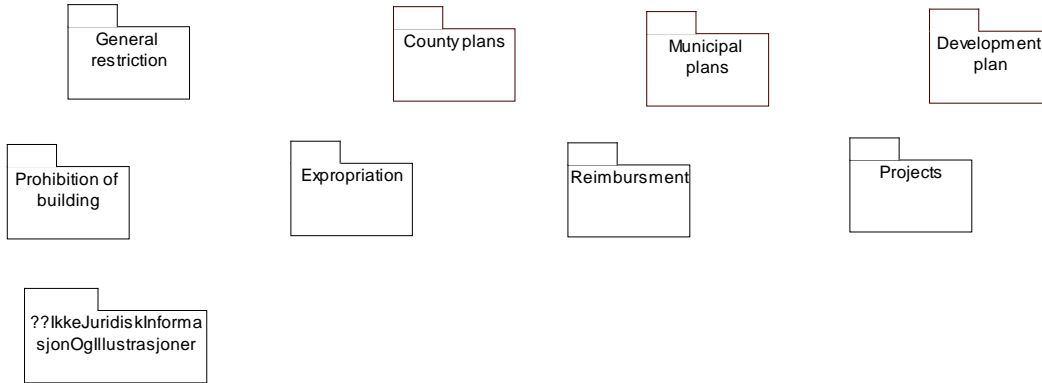
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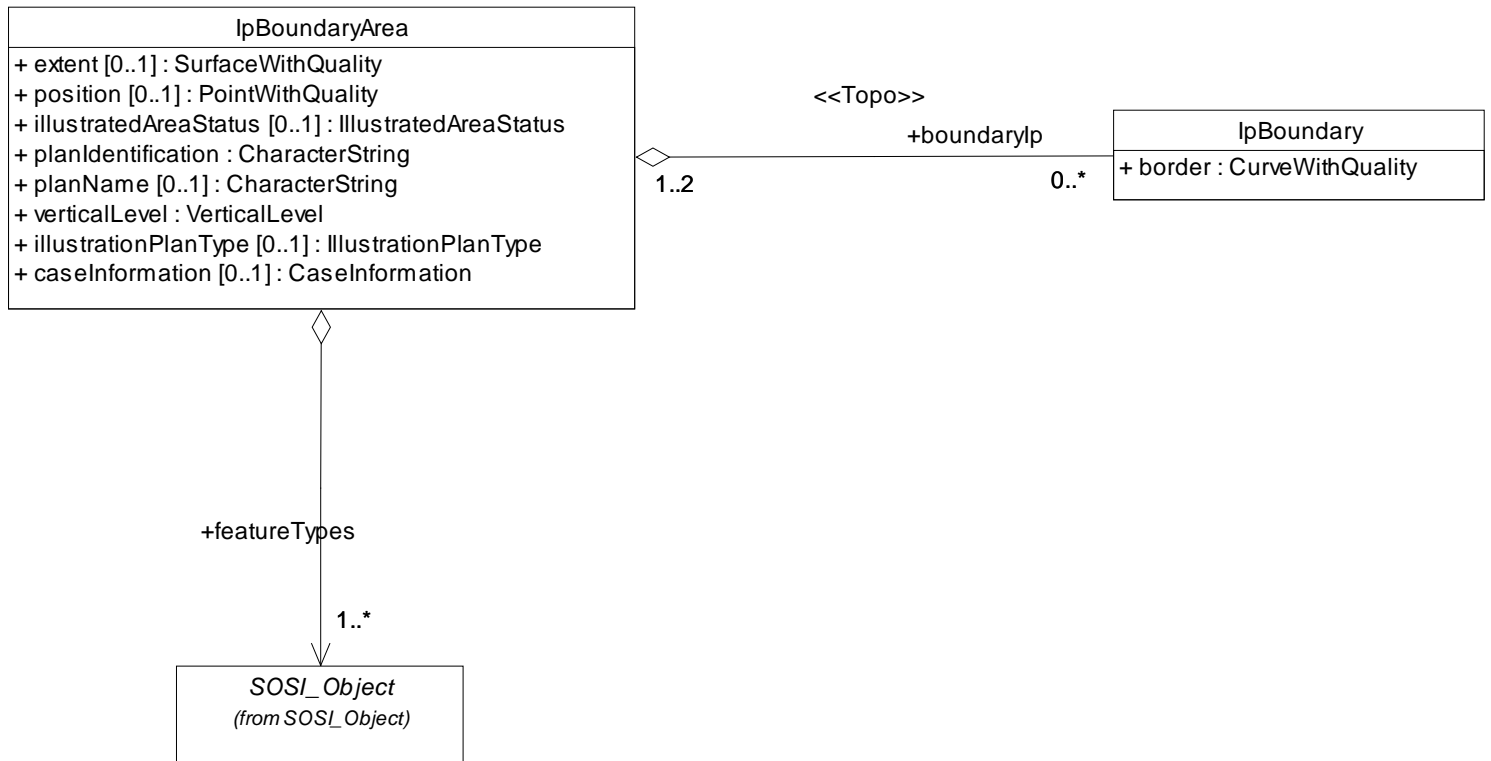
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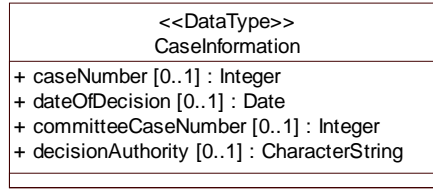
1 Application schema

View

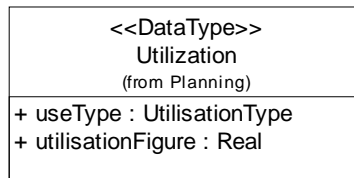
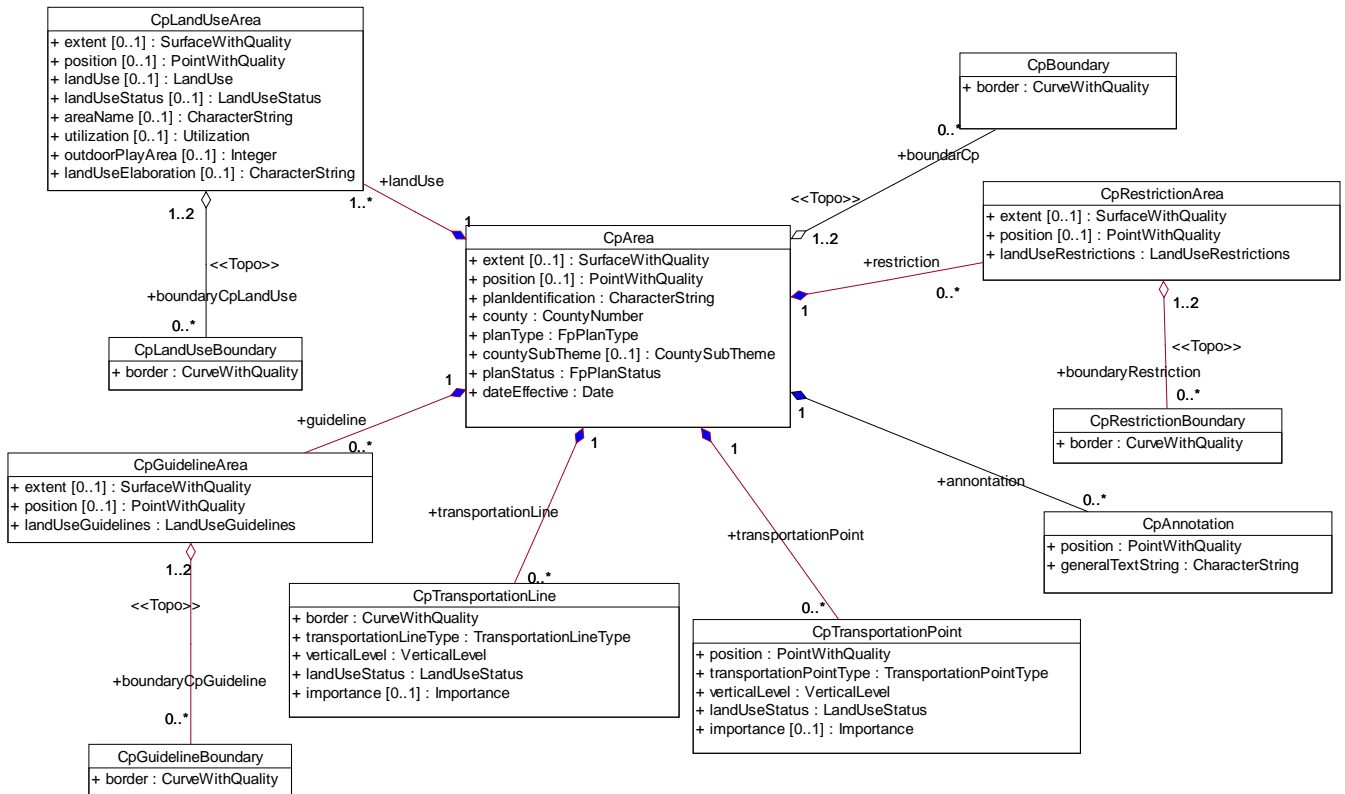


??IkkeJuridiskInformasjonOgIllustrasjoner





County plans



Codelists

<<CodeList>> CountySubTheme
+ Coordinated area and transport plan = 10
+ Business development = 20
+ Quality of life, culture and available publ. services = 30
+ Coastal zone = 40
+ Nature and outdoor life = 50
+ Mountain and uncultivated area = 60
+ Road plan = 70
+ Water consumption plan = 80
+ Other plan / report = 99

<<CodeList>> LandUseStatus (from Planning)
+ Current = 1
+ Future = 2
+ Further development of current = 3

<<CodeList>> VerticalLevel (from Planning)
+ Underground (tunnel) = 1
+ At ground level / on water surface = 2
+ Above ground (bridge) = 3
+ On the bottom (lake/sea) = 4
+ In sea/lake = 5

<<CodeList>> UtilisationType (from Planning)
+ DVA-67 = 1
+ BRA-69 = 2
+ PU = 3
+ Development not allowed = 10
+ Additional buildings not allowed = 11
+ %-BYA-97 = 12
+ A-UTA = 13
+ %-PU = 14
+ DVA = 15
+ %-BYA = 16
+ UTA = 17
+ %-BRA = 18

<<CodeList>> FpPlanType
+ County plan, land use part = 10
+ County plan = 11

<<CodeList>> Importance (from Planning)
+ Very important = 1
+ Important = 2
+ Less important = 3

<<CodeList>> FpPlanStatus
+ Planning initiated = 1
+ ?? Proposed plan / Plan proposal = 2
+ Current plan = 3

<<CodeList>> LandUse (from Planning)
+ Building construction area = 100
+ Urban settlement = 101
+ Built-up area = 102
+ Residential area = 110
+ Central area = 120
+ Acquisition = 130
+ Business = 131
+ Office = 132
+ Industry = 133
+ Warehouse = 134
+ Leisure buildings = 140
+ Public building = 150
+ Building of particular usefulness for the general public = 155
+ Kommunaltekniske anlegg = 160
+ Cemetery = 161
+ Waste handling = 162
+ Municipal engineering operations = 163
+ Public outdoor recreation area = 170
+ Sports facility = 171
+ Park/trail = 172
+ Ski trail = 173
+ Other construction area = 190
+ Agricultural, Nature and Recreational area = 200
+ ANR area = 210
+ ANR area w/scattered development = 220
+ LNF-område m/spredd boligbygging = 221
+ ANR area w/scattered industrial development = 222
+ ANR area w/scattered leisure buildings = 223
+ Area for raw material exploitation = 300
+ Mining = 310
+ Soil extraction site = 320
+ Marshland = 330
+ Area which is or will be reserved = 400
+ Reservation pursuant to the Nature Conservation Act = 410
+ Reservation pursuant to the Act relating to cultural artefacts = 420
+ Reserved for armed forces = 460
+ Area which is to be zoned pursuant to the PBA = 470
+ Reservation pursuant to other legal frameworks = 490
+ Reservation pursuant to several legal frameworks = 499
+ Area for protection/preservation of sea or watercourse = 500
+ Water with restriction (drinking water source) = 510
+ Aquatic area for general outdoor life = 520
+ Marina for small boats = 521
+ Sports area = 522
+ Water area for use by general public = 530
+ Traffic area = 531
+ Fishing area = 532
+ Aquaculture area = 533
+ LNF area at sea or in watercourses = 540
+ Open-air recreation area at sea or in watercourses = 541
+ Nature area at sea or in watercourse = 542
+ Other particular use or preservation = 590
+ Important elements of the transportation system = 600
+ Road area = 610
+ Parking = 620
+ Pedestrian zone = 630
+ Carless traffic area = 631
+ Pedestrian/bicycle area = 632
+ Terminal = 640
+ Terminal building = 641
+ Railway area = 650
+ Rail transport area = 660
+ Airport = 670
+ Harbour = 680

<<DataType>> Utilization (from Planning)
+ useType : UtilisationType
+ utilisationFigure : Real

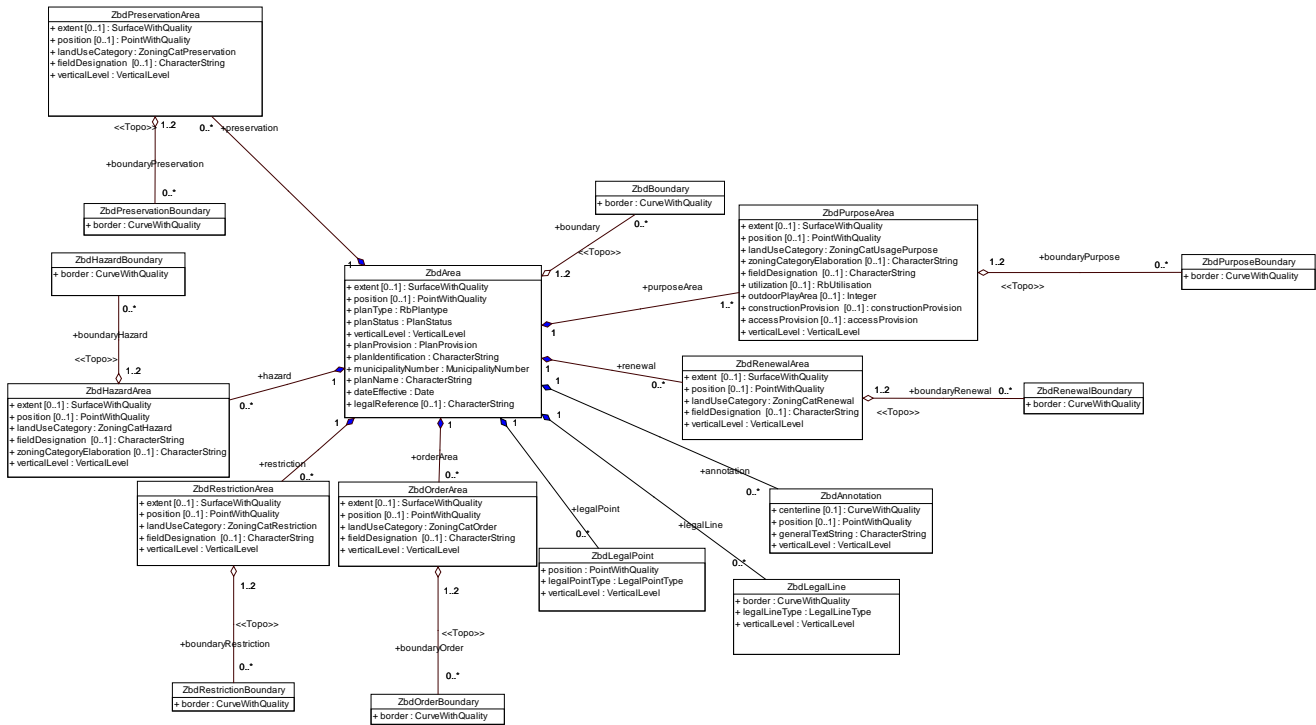
<<CodeList>> TransportationPointType (from Municipal plans)
+ Road intersection = 1129
+ Public transportation hub = 1159

<<CodeList>> LandUseRestrictions (from Municipal plans)
+ Supplemental provisions = 100
+ Requirements regarding zoning/building development plan = 110
+ Requirements regarding zoning plan = 111
+ Requirements regarding building development plan = 112
+ Best om rekkefølge, karakter, omfang = 130
+ Provisions regarding building development sequence = 131
+ Provisions regarding the character of the building development = 132
+ Provisions regarding the scope of the building development = 133
+ Provisions regarding localisation = 134
+ Prohibition on leisure buildings = 135
+ Construction prohibition along watercourse = 136
+ Område som er unntatt fra rettsvirkning = 140
+ Area exempted because of Objection = 141
+ Area specially exempted from legal effect = 142
+ Område unntatt for rettsvirkning = 149
+ Restrictions pursuant to other bodies of law = 400
+ Drainage basin for potable water = 410
+ Groundwater area = 411
+ Airplane noise zone = 420
+ Other restriction = 499

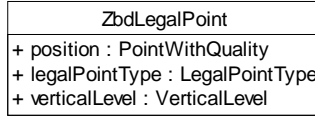
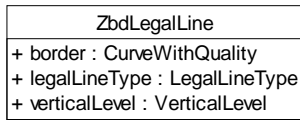
<<CodeList>> LandUseGuidelines (from Municipal plans)
+ Guidelines in ANR areas = 110
+ ANR area, predominantly agricultural = 111
+ ANR area, predominantly outdoor recreation = 112
+ ANR area, predominantly nature conservation = 113
+ Other guideline = 120
+ Building/construction projects should not be allowed = 121
+ Building/construction projects may be allowed = 122
+ ANR area of special cultural landscape interest = 123
+ Guidelines for administrative processing = 130
+ City forest areas - Guidelines for administrative processing = 131
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+ Other guidelines for administrative processing = 139
+ NPG for the Oslo ford = 140
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+ Beach zoning - Oslo ford = 143
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+ NPG for protected watercourses = 150
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+ Watercourse zone category 1 NPG = 152
+ Watercourse zone category 2 NPG = 153
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+ Watercourse zone category 4 NPG = 155
+ Watershed for other NPG (RPR) = 156

<<CodeList>> TransportationLineType (from Municipal plans)
+ Road network = 1120
+ ?? Non-local road = 1121
+ Primary road = 1122
+ Trunk road = 1124
+ Access road = 1125
+ Pedestrian/bicycle path = 1130
+ Bicycle path = 1131
+ Walkway = 1132
+ ?? Touring road / footpath route = 1140
+ Primary touring road = 1141
+ Local touring road = 1142
+ Ski tow = 1143
+ Railway = 1151
+ Tram line (suburban rail / streetcar) = 1152
+ Cableway = 1155
+ Shipping lane = 1161
+ Small craft sea lane = 1162

Development plan

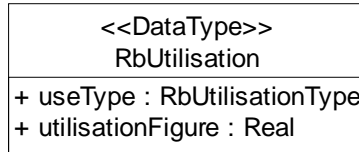


Legal lines and points

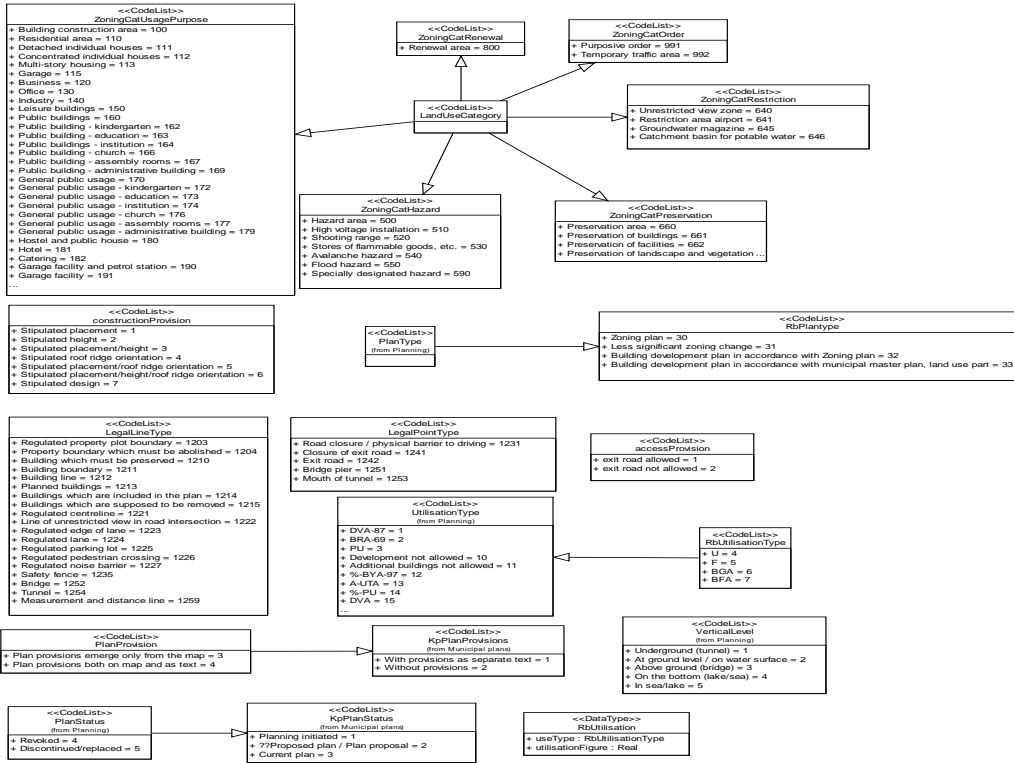


<<CodeList>> LegalLineType
+ Regulated property plot boundary = 1203
+ Property boundary which must be abolished = 1204
+ Building which must be preserved = 1210
+ Building boundary = 1211
+ Building line = 1212
+ Planned buildings = 1213
+ Buildings which are included in the plan = 1214
+ Buildings which are supposed to be removed = 1215
+ Regulated centreline = 1221
+ Line of unrestricted view in road intersection = 1222
+ Regulated edge of lane = 1223
+ Regulated lane = 1224
+ Regulated parking lot = 1225
+ Regulated pedestrian crossing = 1226
+ Regulated noise barrier = 1227
+ Safety fence = 1235
+ Bridge = 1252
+ Tunnel = 1254
+ Measurement and distance line = 1259

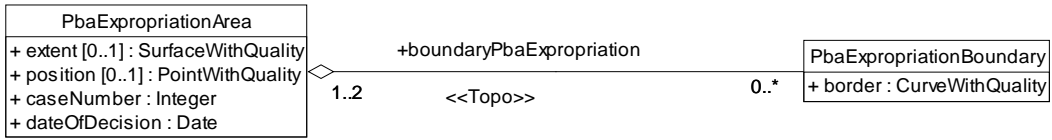
<<CodeList>> LegalPointType
+ Road closure / physical barrier to driving = 1231
+ Closure of exit road = 1241
+ Exit road = 1242
+ Bridge pier = 1251
+ Mouth of tunnel = 1253



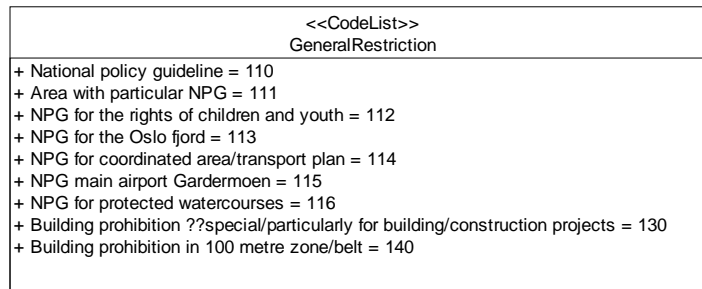
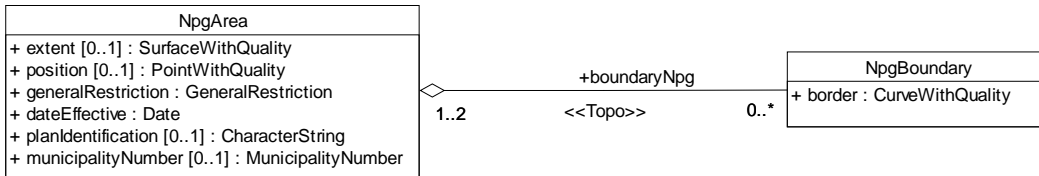
Codelists



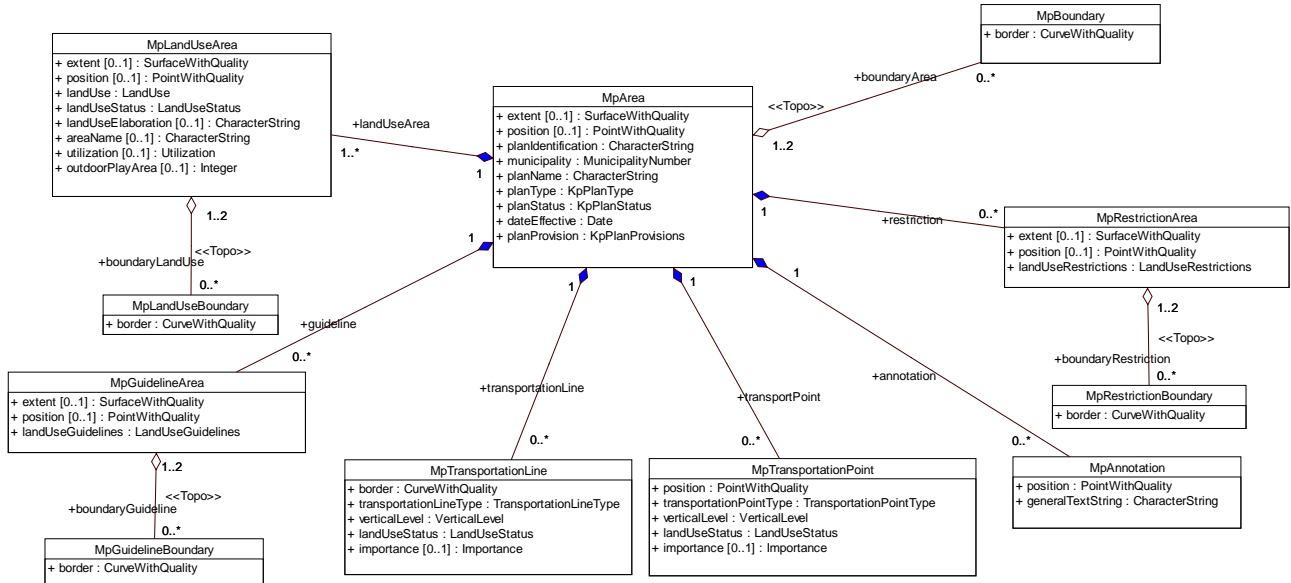
Expropriation



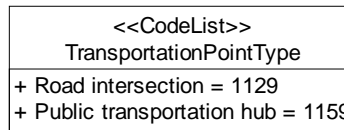
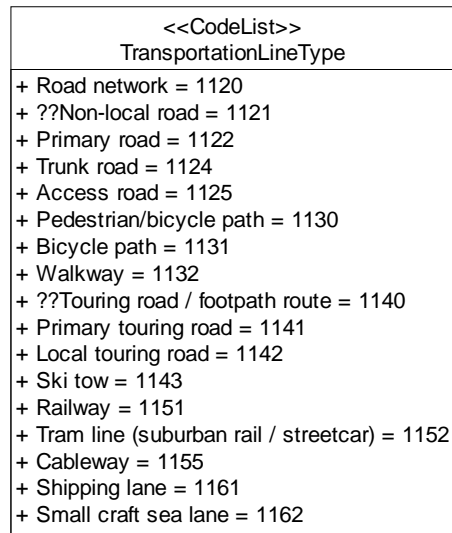
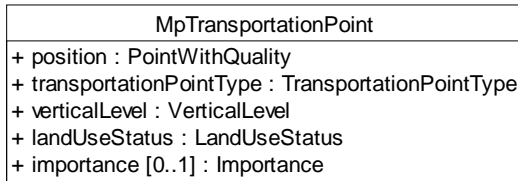
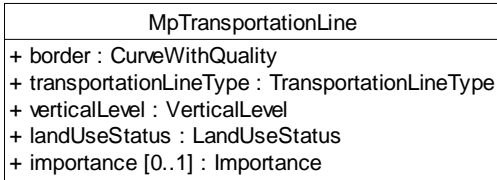
General restriction



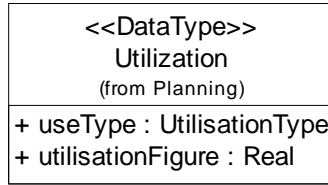
Municipal plans



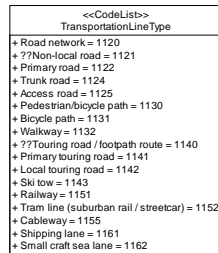
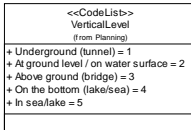
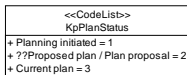
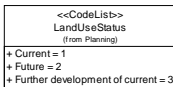
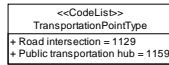
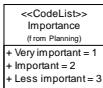
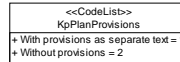
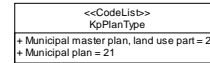
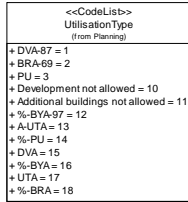
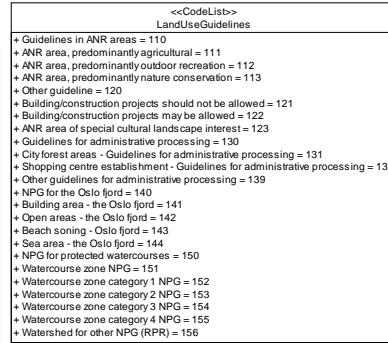
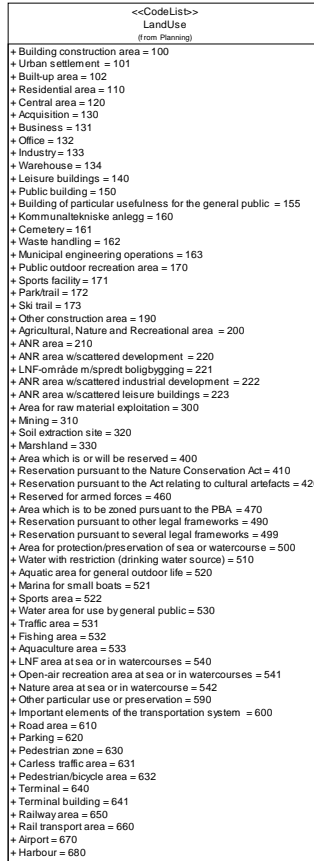
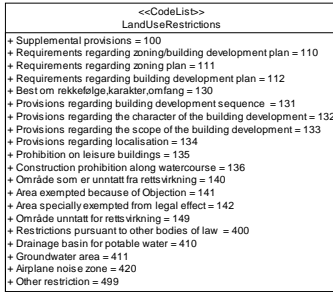
Transportation lines and points



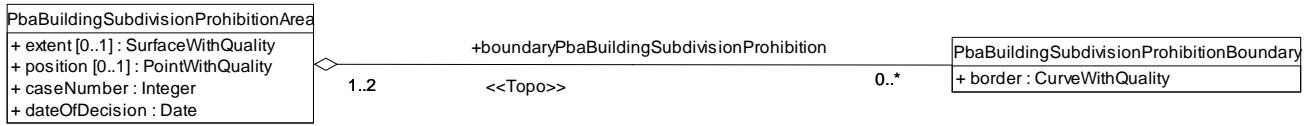
Datatypes



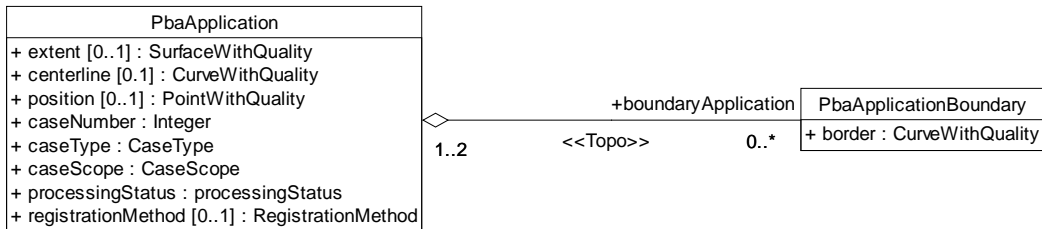
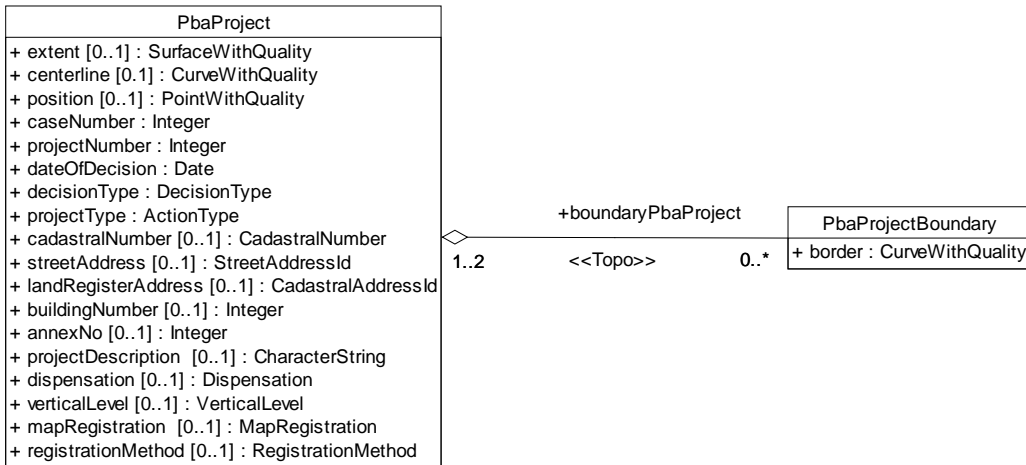
Codelists



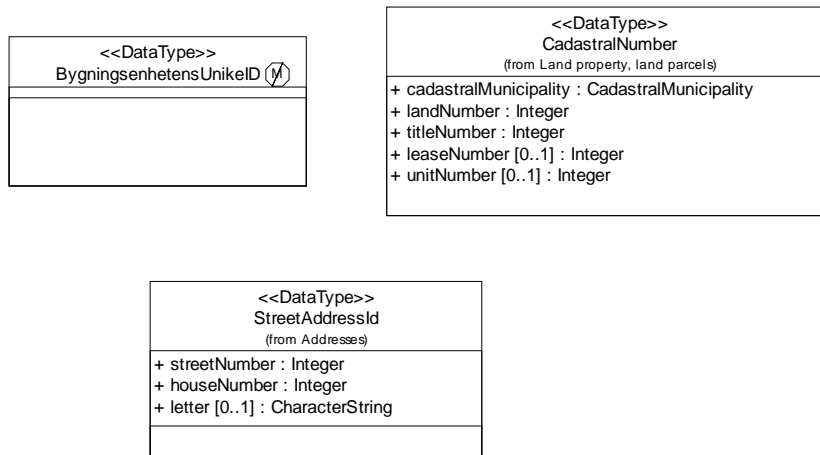
Prohibition of building



Projects



Datatypes



Codelists

<<CodeList>> ActionType
+ Work which requires a building permit = 10
+ New construction/Extension/Addition, facility = 20
+ New construction = 21
+ Extension = 22
+ Addition = 23
+ Substructure = 24
+ Structure = 25
+ Alteration of the exterior (of a building), change/repair = 30
+ Alteration of the exterior (of a building) = 31
+ Repair = 32
+ Change of use, expansion/change of operation = 35
+ Demolition of project = 39
+ Technical building installation = 40
+ Lift, escalator = 41
+ Ventilation facility = 42
+ Joining of separately occupied units in residences = 45
+ Fencing, signs, advertising, etc. = 50
+ Fence = 51
+ Wall = 52
+ Noise barrier = 53
+ Signs, etc.. = 54
+ Subdivision of property = 60
+ Partition line = 61
+ Boundary adjustment = 62
+ Substantial terrain intervention = 65
+ Fill?? = 66
+ Soil extraction site = 67
+ Installation of road, parking lot, etc. = 70
+ Road, parking, etc. = 71
+ Golf course, riding ground, etc. = 72
+ Other decisions = 80
+ Exit road permit = 81
+ Closure of exit road = 82
+ Discharge permit = 83

<<CodeList>> CaseType
+ Inquiries = 110
+ Building = 120
+ ??Construction / facility = 130
+ Installation = 140
+ Intervention in terrain = 150
+ Subdivision = 160
+ Discharge/emission = 170
+ Road, traffic = 180
+ Other matters = 190

<<CodeList>> CaseScope
+ New = 1
+ Expansion = 2
+ Change = 3
+ Change of use = 4
+ Demolition / removal = 5
+ Notification = 6
+ Projects requiring simple processing = 7
+ Reported breach of the law = 8
+ Miscellaneous = 9

<<CodeList>> RegistrationMethod
+ Approx. indication = 1
+ Digitised = 2
+ Designed = 3
+ Calculated for laying out = 4

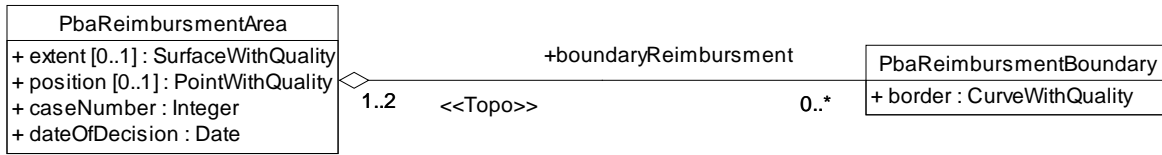
<<CodeList>> MapRegistration
+ Not measured in on the map = 1
+ Measured in on the map = 2

<<CodeList>> processingStatus
+ Application received = 1
+ Being processed = 2
+ Decided / processed = 8
+ Retracted = 9

<<CodeList>> Dispensation
+ PBA and associated regulations and ordinances = 10
+ PBA = 11
+ Building regulations = 12
+ PBA regulations = 13
+ Land use, municipal (master) plan = 14
+ Provisions municipal (master) plan = 15
+ Zoning / building development plan = 16
+ The Public Roads Act = 20
+ Land law = 30
+ Working Environment Act = 40
+ The Pollution Act = 50

<<CodeList>> DecisionType
+ Authorised = 1
+ Authorised temporarily = 2
+ Retracted = 6
+ Revoked = 7
+ Obsolete = 8
+ Denied = 9

Reimbursement



2 Description

2.1 ?IkkeJuridiskInformasjonOgIllustrasjoner

2.1.1 IpBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
1	Class IpBoundary					
1.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
1.2	Role (unnamed) IpBoundaryArea		1	2	IpBoundaryArea	

2.1.2 IpBoundaryArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
2	Class IpBoundaryArea	delimitation of plan not covered by the PBA				
2.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
2.2	position	location where the object exists	0	1	PointWithQuality	
2.3	illustratedAreaStatus	status of illustrated area (PBA §§ 22 and 28-2)	0	1	IllustratedAreaStatus	
2.4	planIdentification	unique identification of a plan within a municipality or a county (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5 and §§ 22 and 28-2)	1	1	CharacterString	
2.5	planName	name of plan (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5 and § 22 and § 28-2)	0	1	CharacterString	
2.6	verticalLevel	the location of the plan or its contents in relation to the Earth's surface (PBA § 19-1, subsection 6; § 20-1, subsections 2 and 5; §§ 22 and 28-2)	1	1	VerticalLevel	
2.7	illustrationPlanType	theme of illustration plan (PBA §§ 22 and 28-2)	0	1	IllustrationPlanType	
2.8	caseInformation	information about administrative processing of illustration plans (PBA §§ 22 and 28-2)	0	1	CaseInformation	

2.9	Role featureTypes		1	N	SOSI_Object	Aggregation
2.10	Role boundaryIp		0	N	IpBoundary	Aggregation

2.1.3 <<DataType>> CaseInformation

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
3	Datatype CaseInformation	information about administrative processing of illustration plans (PBA §§ 22 and 28-2)				
3.1	caseNumber	unique number for individual cases and individual decisions (PBA § 93)	0	1	Integer	
3.2	dateOfDecision	date of decision in committee (PBA § 93)	0	1	Date	
3.3	committeeCaseNumber	case number in committee processing (PBA § 93)	0	1	Integer	
3.4	decisionAuthority	committee/authority which has adopted illustration plan (PBA §§ 22 and 28-2)	0	1	CharacterString	

2.1.4 IllustrertSOSIObjektType

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
4	Class IllustrertSOSIObjektType	abstrakt SOSI objekttype som dekker alle objekttyper i objektkatalogen				Abstract Subtype of SOSI_Object
4.1	illustretobjektStatus	status for objekter i illustrasjonsplaner (PBL §§ 22 og 28-2)	1	1	IllustratedObjectStatus	

2.1.5 Association <<Topo>> IpBoundaryArea-IpBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
5	Association IpBoundaryArea-IpBoundary					
5.1	Role boundaryIp		0	N	IpBoundary	Aggregation
5.2	Role (unnamed) IpBoundaryArea		1	2	IpBoundaryArea	

2.1.6 CodeLists

2.1.6.1 <<CodeList>> IllustrationPlanType

Nr	Code name	Definition/Description	Code
1	CodeList IllustrationPlanType	theme of illustration plan (PBA §§ 22 and 28-2)	
1.1	Protection		10
1.2	Nature conservation		11
1.3	Cultural landscape		12
1.4	Building environments		13
1.5	Cultural monuments		14
1.6	Recreation		20
1.7	??Greenbelt structure		21
1.8	Touring road network		22
1.9	Sports facility		23
1.10	(??Physical) development		30
1.11	Public service		31
1.12	Private service		32
1.13	Housing program	FF-Housing program (development w/number of dwellings and time frame)	33
1.14	??Transportation/Communication		40
1.15	Road network		41
1.16	Rail network		42
1.17	Boat routes		43
1.18	Bus routes		44
1.19	Pedestrian/bicycle path network		45
1.20	Pollution		60
1.21	Air pollution		61
1.22	Noise		62
1.23	Implementation		80
1.24	Illustration plan		81
1.25	Enhancement plan		82

1.26	Outdoors plan		83
1.27	Building plan for road construction		84
1.28	Miscellaneous		99

2.1.6.2 <<CodeList>> IllustratedAreaStatus

Nr	Code name	Definition/Description	Code
2	CodeList IllustratedAreaStatus	status of illustrated area (PBA §§ 22 and 28-2)	
2.1	Illustrated as planned		1
2.2	Planned, engineered		2
2.3	Existing		3
2.4	Historical		4

2.1.6.3 <<CodeList>> IllustratedObjectStatus

Nr	Code name	Definition/Description	Code
3	CodeList IllustratedObjectStatus	status of objects in illustration plans (PBA §§ 22 and 28-2)	
3.1	Exemption from building licence application		5

3.2	To be removed
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2.2 County plans

2.2.1 CpArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
1	Class CpArea	county (master) plan area (PBA § 19-1)				
1.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
1.2	position	location where the object exists	0	1	PointWithQuality	
1.3	planIdentification	unique identification of a plan within a municipality or a county (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5 and §§ 22 and 28-2)	1	1	CharacterString	
1.4	county	official numbering of counties in accordance with Statistics NorwayXzXs official list NoteØ: It must be emphasised that county number always consists of 2 digits, i.e. is sometimes prefixed with a zero. The county number is used for establishing relations to a number of other registers which also use 2 dec.	1	1	CountyNumber	
1.5	planType	type of plan (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5 and § 22 and § 28-2)	1	1	FpPlanType	
1.6	countySubTheme	themes for county plan (PBA § 19-1, subsection 6)	0	1	CountySubTheme	
1.7	planStatus	the handling of the plan (PBA §§ 19-4, 20-5, 27-1, 27-2, 28-1 and 28-2) as well as the effect of the plan (PBA §§ 19-6, 20-6, 28-2 and 31)	1	1	FpPlanStatus	
1.8	dateEffective	date when plans become effective (PBA § 18, § 19- 1, subsection 6, § 20-1, subsection 2, §§ 22 and 28-2)	1	1	Date	
1.9	Role boundarCp		0	N	CpBoundary	Aggregation

1.10	Role landUse		1	N	CpLandUseArea	Aggregation
1.11	Role guideline		0	N	CpGuidelineArea	Aggregation
1.12	Role transportationLine		0	N	CpTransportationLine	Aggregation
1.13	Role transportationPoint		0	N	CpTransportationPoint	Aggregation
1.14	Role restriction		0	N	CpRestrictionArea	Aggregation
1.15	Role annotation		0	N	CpAnnotation	Aggregation

2.2.2 CpBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
2	Class CpBoundary	county (master) plan boundary (PBA § 19-1)				
2.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
2.2	Role (unnamed) CpArea		1	2	CpArea	

2.2.3 CpLandUseArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
3	Class CpLandUseArea	land use area in county (master) plan (PBA § 19-1)				
3.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
3.2	position	location where the object exists	0	1	PointWithQuality	
3.3	landUse	land use category (PBA § 20-4, subsection 1)	0	1	LandUse	
3.4	landUseStatus	status of land use within general plan (PBA § 20-4, subsection 1 and § 25)	0	1	LandUseStatus	
3.5	areaName	name/field designation for land use area within general plan (PBA § 20-4, subsection 1)	0	1	CharacterString	
3.6	utilization	degree of utilization (PBA § 20-4, subsection 2, letter b and § 26, subsection 1 and TEK regulations, Chapter III)	0	1	Utilization	
3.7	outdoorPlayArea	minimum outdoor play	0	1	Integer	

		area (PBA § 26, subsection 2 and TEK regulations, Chapter III)				
3.8	landUseElaboration	elaboration of land use category (PBA § 20-4, subsection 1 and § 25)	0	1	CharacterString	
3.9	Role boundaryCpLandUse		0	N	CpLandUseBoundary	Aggregation
3.10	Role (unnamed) CpArea		1	1	CpArea	

2.2.4 CpLandUseBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
4	Class CpLandUseBoundary	delimitation of land use area in county (master) plan (PBA § 19-1)				
4.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
4.2	Role (unnamed) CpLandUseArea		1	2	CpLandUseArea	

2.2.5 CpGuidelineArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
5	Class CpGuidelineArea	guideline area in county (master) plan (PBA § 19-1, subsection 5)				
5.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
5.2	position	location where the object exists	0	1	PointWithQuality	
5.3	landUseGuidelines	guidelines related to land use areas in general plan (PBA § 19-1, subsection 6 and § 20-4, subsection 1)	1	1	LandUseGuidelines	
5.4	Role (unnamed) CpArea		1	1	CpArea	
5.5	Role boundaryCpGuideline		0	N	CpGuidelineBoundary	Aggregation

2.2.6 CpGuidelineBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
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6	Class CpGuidelineBoundary	delimitation of guideline area in county (master) plan (PBA § 19-1, subsection 5)				
6.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
6.2	Role (unnamed) CpGuidelineArea		1	2	CpGuidelineArea	

2.2.7 CpTransportationLine

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
7	Class CpTransportationLine	line as important element of the transportation system in county (master) plan (PBA § 19-1, subsection 5)				
7.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
7.2	transportationLineType	line in important element of transportation system in land use part of municipal plan	1	1	TransportationLineType	
7.3	verticalLevel	the location of the plan or its contents in relation to the Earth's surface (PBA § 19-1, subsection 6; § 20-1, subsections 2 and 5; §§ 22 and 28-2)	1	1	VerticalLevel	
7.4	landUseStatus	status of land use within general plan (PBA § 20-4, subsection 1 and § 25)	1	1	LandUseStatus	
7.5	importance	degree of importance for points/lines within the transportation system in general plan (PBA § 20-4, subsection 1, item 6)	0	1	Importance	
7.6	Role (unnamed) CpArea		1	1	CpArea	

2.2.8 CpTransportationPoint

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
8	Class CpTransportationPoint	point as important element in the transportation system in county (master)				

		plan (PBA § 19-1, subsection 5)				
8.1	position	location where the object exists	1	1	PointWithQuality	
8.2	transportationPointType	point in important element of transportation system in land use part of municipal plan	1	1	TransportationPointType	
8.3	verticalLevel	the location of the plan or its contents in relation to the EarthXzXs surface (PBA § 19-1, subsection 6; § 20-1, subsections 2 and 5; §§ 22 and 28-2)	1	1	VerticalLevel	
8.4	landUseStatus	status of land use within general plan (PBA § 20-4, subsection 1 and § 25)	1	1	LandUseStatus	
8.5	importance	degree of importance for points/lines within the transportation system in general plan (PBA § 20-4, subsection 1, item 6)	0	1	Importance	
8.6	Role (unnamed) CpArea		1	1	CpArea	

2.2.9 CpRestrictionArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
9	Class CpRestrictionArea	restriction area in county (master) plan (PBA § 19-1, subsection 5)				
9.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
9.2	position	location where the object exists	0	1	PointWithQuality	
9.3	landUseRestrictions	supplementary provisions (PBA § 20-4, subsection 2, letters a-h and § 20-6, subsection 3)	1	1	LandUseRestrictions	
9.4	Role (unnamed) CpArea		1	1	CpArea	
9.5	Role boundaryRestriction		0	N	CpRestrictionBoundary	Aggregation

2.2.10 CpRestrictionBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
10	Class CpRestrictionBoundary	delimitation of restriction area in county (master)				

	ndary	plan (PBA § 19-1, subsection 5)				
10.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
10.2	Role (unnamed) CpRestrictionArea		1	2	CpRestrictionArea	

2.2.11 CpAnnotation

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
11	Class CpAnnotation	supplementary text for county (master) plan (PBA § 19-1)				
11.1	position	location where the object exists	1	1	PointWithQuality	
11.2	generalTextString	STRING is defined with a max. length of 70 char., which is sufficient for map purposes. SOSI may however handle longer texts, but one must then define and use user-defined names	1	1	CharacterString	
11.3	Role theFpOmråde		1	1	CpArea	

2.2.12 Association <<Topo>> CpArea-CpBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
12	Association CpArea-CpBoundary					
12.1	Role boundarCp		0	N	CpBoundary	Aggregation
12.2	Role (unnamed) CpArea		1	2	CpArea	

2.2.13 Association <<Topo>> CpLandUseArea-CpLandUseBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
13	Association CpLandUseArea-CpLandUseBoundary					
13.1	Role boundaryCpLand		0	N	CpLandUseBoundary	Aggregation

	Use					
13.2	Role (unnamed) CpLandUseArea		1	2	CpLandUseArea	

2.2.14 Association CpArea-CpLandUseArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
14	Association CpArea- CpLandUseArea					
14.1	Role landUse		1	N	CpLandUseArea	Aggregation
14.2	Role (unnamed) CpArea		1	1	CpArea	

2.2.15 Association CpArea-CpGuidelineArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
15	Association CpArea- CpGuidelineArea					
15.1	Role guideline		0	N	CpGuidelineArea	Aggregation
15.2	Role (unnamed) CpArea		1	1	CpArea	

2.2.16 Association <<Topo>> CpGuidelineArea-CpGuidelineBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
16	Association CpGuidelineArea - CpGuidelineBoundary					
16.1	Role boundaryCpGuideline		0	N	CpGuidelineBoundary	Aggregation
16.2	Role (unnamed) CpGuidelineArea		1	2	CpGuidelineArea	

2.2.17 Association CpArea-CpTransportationLine

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
17	Association CpArea- CpTransportation					

	Line					
17.1	Role transportationLine		0	N	CpTransportationLine	Aggregation
17.2	Role (unnamed) CpArea		1	1	CpArea	

2.2.18 Association CpArea-CpTransportationPoint

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
18	Association CpArea-CpTransportationPoint					
18.1	Role transportationPoint		0	N	CpTransportationPoint	Aggregation
18.2	Role (unnamed) CpArea		1	1	CpArea	

2.2.19 Association CpArea-CpRestrictionArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
19	Association CpArea-CpRestrictionArea					
19.1	Role restriction		0	N	CpRestrictionArea	Aggregation
19.2	Role (unnamed) CpArea		1	1	CpArea	

2.2.20 Association <<Topo>> CpRestrictionArea-CpRestrictionBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
20	Association CpRestrictionArea-CpRestrictionBoundary					
20.1	Role boundaryRestriction		0	N	CpRestrictionBoundary	Aggregation
20.2	Role (unnamed) CpRestrictionArea		1	2	CpRestrictionArea	

2.2.21 Association CpArea-CpAnnotation

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
21	Association CpArea- CpAnnotation					
21. 1	Role annotation		0	N	CpAnnotation	Aggregation
21. 2	Role theFpOmråde		1	1	CpArea	

2.2.22 CodeLists

2.2.22.1 <<CodeList>> CountySubTheme

Nr	Code name	Definition/Description	Code
1	CodeList CountySubTheme	theme for county plan (PBA § 19-1, subsection 6)	
1.1	Coordinated area and transport plan		10
1.2	Business development		20
1.3	Quality of life, culture and available publ. services		30
1.4	Coastal zone		40
1.5	Nature and outdoor life		50
1.6	Mountain and uncultivated area		60
1.7	Road plan		70
1.8	Water consumption plan		80
1.9	Other plan / report		99

2.2.22.2 <<CodeList>> FpPlanType

Nr	Code name	Definition/Description	Code
2	CodeList FpPlanType	type of plan (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5 and § 22 and § 28-2)	
2.1	County plan, land use part		10
2.2	County plan		11

2.2.22.3 <<CodeList>> FpPlanStatus

Nr	Code name	Definition/Description	Code
3	CodeList FpPlanStatus	the handling of the plan (PBA §§ 19-4, 20-5, 27-1, 27-2, 28-1 and 28-2) as well as the effect of the plan (PBA §§ 19-6, 20-6, 28-2 and 31)	
3.1	Planning initiated		1
3.2	??Proposed plan / Plan proposal		2
3.3	Current plan		3

2.3 Development plan

2.3.1 ZbdPreservationArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
1	Class ZbdPreservation Area	preservation area in zoning and building development plan (PBA § 25, subsection 1, item 6)				
1.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
1.2	position	location where the object exists	0	1	PointWithQuality	
1.3	landUseCategory	type of land use category (PBA § 25, subsection 1)	1	1	ZoningCatPreservation	
1.4	fieldDesignation	name/designation of area use category within zoning and building development plan (PBA § 25 subsection 1)	0	1	CharacterString	
1.5	verticalLevel	the location of the plan or its contents in relation to the Earth's surface (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5, §§ 22 and 28-2)	1	1	VerticalLevel	
1.6	Role boundaryPreservation		0	N	ZbdPreservationBoundary	Aggregation
1.7	Role (unnamed) ZbdArea		1	1	ZbdArea	

2.3.2 ZbdPreservationBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
2	Class ZbdPreservation Boundary	delimitation of preservation area in zoning and building development plan (PBA § 25, subsection 1, item 6)				
2.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
2.2	Role (unnamed) ZbdPreservation Area		1	2	ZbdPreservationArea	

2.3.3 ZbdHazardBoundary

No	Name/	Description	Obligation/	Maximum	Type	Constraint
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	Role name		Condition	Occurrence		
3	Class ZbdHazardBoundary	delimitation of hazard area in zoning and building development plan (PBA § 25, subsection 1, item 5)				
3.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
3.2	Role (unnamed) ZbdHazardArea		1	2	ZbdHazardArea	

2.3.4 ZbdHazardArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
4	Class ZbdHazardArea	hazard area in zoning and building development plan (PBA § 25, subsection 1, item 5)				
4.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
4.2	position	location where the object exists	0	1	PointWithQuality	
4.3	landUseCategory	type of land use category (PBA § 25, subsection 1)	1	1	ZoningCatHazard	
4.4	fieldDesignation	name/designation of area use category within zoning and building development plan (PBA § 25 subsection 1)	0	1	CharacterString	
4.5	zoningCategoryElaboration	elaboration of zoning categories (PBA § 25, subsection 1)	0	1	CharacterString	
4.6	verticalLevel	the location of the plan or its contents in relation to the Earth's surface (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5, §§ 22 and 28-2)	1	1	VerticalLevel	
4.7	Role boundaryHazard		0	N	ZbdHazardBoundary	Aggregation
4.8	Role (unnamed) ZbdArea		1	1	ZbdArea	

2.3.5 ZbdOrderBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
5	Class ZbdOrderBoundary	delimitation of purposive order in zoning and				

	ry	building development plan (PBA § 25, subsection 2, § 26 and § 28-2)				
5.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
5.2	Role (unnamed) ZbdOrderArea		1	2	ZbdOrderArea	

2.3.6 ZbdOrderArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
6	Class ZbdOrderArea	area for purposive order in zoning and building development plan (PBA § 25, subsection 2, § 26 and § 28-2)				
6.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
6.2	position	location where the object exists	0	1	PointWithQuality	
6.3	landUseCategory	type of land use category (PBA § 25, subsection 1)	1	1	ZoningCategoryOrder	
6.4	fieldDesignation	name/designation of area use category within zoning and building development plan (PBA § 25 subsection 1)	0	1	CharacterString	
6.5	verticalLevel	the location of the plan or its contents in relation to the Earth's surface (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5, §§ 22 and 28-2)	1	1	VerticalLevel	
6.6	Role boundaryOrder		0	N	ZbdOrderBoundary	Aggregation
6.7	Role (unnamed) ZbdArea		1	1	ZbdArea	

2.3.7 ZbdRestrictionBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
7	Class ZbdRestrictionBoundary	delimitation of restriction area in zoning and building development plan (PBA § 25, subsection 1, item 6, § 26 and § 28-2)				
7.1	border	course following the transition between	1	1	CurveWithQuality	

		different real world phenomena				
7.2	Role (unnamed) ZbdRestrictionArea		1	2	ZbdRestrictionArea	

2.3.8 ZbdRestrictionArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
8	Class ZbdRestrictionArea	restriction area in zoning and building development plan (PBA § 25, subsection 1, item 6, § 26 and § 28-2)				
8.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
8.2	position	location where the object exists	0	1	PointWithQuality	
8.3	landUseCategory	type of land use category (PBA § 25, subsection 1)	1	1	ZoningCatRestriction	
8.4	fieldDesignation	name/designation of area use category within zoning and building development plan (PBA § 25 subsection 1)	0	1	CharacterString	
8.5	verticalLevel	the location of the plan or its contents in relation to the Earth's surface (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5, §§ 22 and 28-2)	1	1	VerticalLevel	
8.6	Role boundaryRestriction		0	N	ZbdRestrictionBoundary	Aggregation
8.7	Role (unnamed) ZbdArea		1	1	ZbdArea	

2.3.9 ZbdArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
9	Class ZbdArea	zoning and building development plan area , cf. PBA §§ 22 and 24 and 28-2				
9.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
9.2	position	location where the object exists	0	1	PointWithQuality	
9.3	planType	type of plan (PBA § 19-1, subsection 6, § 20-1,	1	1	RbPlantype	

		subsections 2 and 5 and § 22 and § 28-2)				
9.4	planStatus	the handling of the plan (PBA §§ 19-4, 20-5, 27-1, 27-2, 28-1 and 28-2) as well as the effect of the plan (PBA §§ 19-6, 20-6, 28-2 and 31)	1	1	PlanStatus	
9.5	verticalLevel	the location of the plan or its contents in relation to the Earth's surface (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5, §§ 22 and 28-2)	1	1	VerticalLevel	
9.6	planProvision	indicates whether plan has provisions, in that case whether they are a separate text and whether they are marked on the plan map (PBA § 20-4, subsection 2, letters a-h and §26)	1	1	PlanProvision	
9.7	planIdentification	unique identification of a plan within a municipality or a county (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5 and §§ 22 and 28-2)	1	1	CharacterString	
9.8	municipalityNumber	defines the municipality where the point is Note: Statistics Norway has an official list of municipality numbers, in which the two the first digits indicate the county number and the two last municipality	1	1	MunicipalityNumber	
9.9	planName	name of plan (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5 and § 22 and § 28-2)	1	1	CharacterString	
9.10	dateEffective	date when plans become effective (PBA § 18, § 19-1, subsection 6, § 20-1, subsection 2, §§ 22 and 28-2)	1	1	Date	
9.11	legalReference	reference to the version of the act according to which the plan has been adopted Note: used where it is important to indicate which version of the act the plan has been processed in accordance with, as a result of amendments to the law, transitional pro	0	1	CharacterString	

9.1 2	Role boundary		0	N	ZbdBoundary	Aggregation
9.1 3	Role preservation		0	N	ZbdPreservationArea	Aggregation
9.1 4	Role hazard		0	N	ZbdHazardArea	Aggregation
9.1 5	Role restriction		0	N	ZbdRestrictionArea	Aggregation
9.1 6	Role orderArea		0	N	ZbdOrderArea	Aggregation
9.1 7	Role renewal		0	N	ZbdRenewalArea	Aggregation
9.1 8	Role purposeArea		1	N	ZbdPurposeArea	Aggregation
9.1 9	Role legalPoint		0	N	ZbdLegalPoint	Aggregation
9.2 0	Role annotation		0	N	ZbdAnnotation	Aggregation
9.2 1	Role legalLine		0	N	ZbdLegalLine	Aggregation

2.3.10 ZbdBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
10	Class ZbdBoundary	zoning and building development plan boundary (PBA §§ 22 and 24 and 28-2)				
10. 1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
10. 2	Role (unnamed) ZbdArea		1	2	ZbdArea	

2.3.11 ZbdPurposeBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
11	Class ZbdPurposeBoundary	delimitation of area for zoning purposes in zoning and building development plan (PBA § 25, subsection 1)				
11. 1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
11. 2	Role (unnamed) ZbdPurposeArea		1	2	ZbdPurposeArea	

2.3.12 ZbdPurposeArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
12	Class ZbdPurposeArea	area for zoning purposes in zoning and building development plan (PBA § 25, subsection 1)				
12.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
12.2	position	location where the object exists	0	1	PointWithQuality	
12.3	landUseCategory	type of land use category (PBA § 25, subsection 1)	1	1	ZoningCatUsagePurpose	
12.4	zoningCategoryElaboration	elaboration of zoning categories (PBA § 25, subsection 1)	0	1	CharacterString	
12.5	fieldDesignation	name/designation of area use category within zoning and building development plan (PBA § 25 subsection 1)	0	1	CharacterString	
12.6	utilization	degree of utilization (PBA § 20-4, subsection 2, letter b and § 26, subsection 1 and TEK regulations, Chapter III)	0	1	RbUtilisation	
12.7	outdoorPlayArea	minimum outdoor play area (PBA § 26, subsection 2 and TEK regulations, Chapter III)	0	1	Integer	
12.8	constructionProvision	provision in plan for the location and design, etc. of buildings (PBA §20-4, subsection 2, letter a, §26, subsection 1, § 28-2) Note: Used where the plan indicates heights, roof ridge orientation, etc.	0	1	constructionProvision	
12.9	accessProvision	provision for access road in plan (PBA §§ 25 and 26, subsection 1) Note: States whether or not access road to land use category area is allowed, or whether the plan / provisions allow access via a category other than road (via pedestrian path, trail, et	0	1	accessProvision	
12.10	verticalLevel	the location of the plan or its contents in relation to the Earth's surface (PBA § 19-1, subsection 6, § 20-1,	1	1	VerticalLevel	

		subsections 2 and 5, §§ 22 and 28-2)				
12.11	Role boundaryPurpose		0	N	ZbdPurposeBoundary	Aggregation
12.12	Role (unnamed) ZbdArea		1	1	ZbdArea	

2.3.13 ZbdRenewalBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
13	Class ZbdRenewalBoundary	delimitation of renewal area in zoning and building development plan (PBA § 25, subsection 1, item 8)				
13.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
13.2	Role (unnamed) ZbdRenewalArea		1	2	ZbdRenewalArea	

2.3.14 ZbdRenewalArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
14	Class ZbdRenewalArea	renewal area in zoning and building development plan (PBA § 25, subsection 1, item 8)				
14.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
14.2	position	location where the object exists	0	1	PointWithQuality	
14.3	landUseCategory	type of land use category (PBA § 25, subsection 1)	1	1	ZoningCategoryRenewal	
14.4	fieldDesignation	name/designation of area use category within zoning and building development plan (PBA § 25 subsection 1)	0	1	CharacterString	
14.5	verticalLevel	the location of the plan or its contents in relation to the Earth's surface (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5, §§ 22 and 28-2)	1	1	VerticalLevel	
14.6	Role boundaryRenewal		0	N	ZbdRenewalBoundary	Aggregation
14.	Role		1	1	ZbdArea	

7	(unnamed) ZbdArea					
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2.3.15 ZbdLegalLine

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
15	Class ZbdLegalLine	line for legally binding supplementary information (PBA §§ 25 and 26 and 28-2)				
15.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
15.2	legalLineType	line in zoning / building development plan	1	1	LegalLineType	
15.3	verticalLevel	the location of the plan or its contents in relation to the Earth's surface (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5, §§ 22 and 28-2)	1	1	VerticalLevel	
15.4	Role (unnamed) ZbdArea		1	1	ZbdArea	

2.3.16 ZbdLegalPoint

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
16	Class ZbdLegalPoint	point for legally binding supplementary information (PBA §§ 25 and 26 and 28-2)				
16.1	position	location where the object exists	1	1	PointWithQuality	
16.2	legalPointType		1	1	LegalPointType	
16.3	verticalLevel	the location of the plan or its contents in relation to the Earth's surface (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5, §§ 22 and 28-2)	1	1	VerticalLevel	
16.4	Role (unnamed) ZbdArea		1	1	ZbdArea	

2.3.17 ZbdAnnotation

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
17	Class	supplementary text for				

	ZbdAnnotation	zoning and building development plan (PBA §§ 25 and 26 and 28-2)				
17.1	centerline	course followed by the central part of the Object	0	1	CurveWithQuality	
17.2	position	location where the object exists	0	1	PointWithQuality	
17.3	generalTextString	STRING is defined with a max. length of 70 char., which is sufficient for map purposes. SOSI may however handle longer texts, but one must then define and use user-defined names.	1	1	CharacterString	
17.4	verticalLevel	the location of the plan or its contents in relation to the Earth's surface (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5, §§ 22 and 28-2)	1	1	VerticalLevel	
17.5	Role (unnamed) ZbdArea		1	1	ZbdArea	

2.3.18 <<DataType>> RbUtilisation

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
18	Datatype RbUtilisation	degree of utilization (PBA § 20-4, subsection 2, letter b and § 26, subsection 1 and TEK regulations, Chapter III)				
18.1	useType	type/degree of utilization (PBA § 20-4, subsection 2, letter b and § 26, subsection 1 and TEK regulations, Chapter III)	1	1	RbUtilisationType	
18.2	utilisationFigure	numerical value for degree of utilization (PBA § 20-4, subsection 2, letter b and § 26, subsection 1 and TEK regulations, Chapter III)	1	1	Real	

2.3.19 Association <<Topo>> ZbdArea-ZbdBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
19	Association ZbdArea-ZbdBoundary					
19.	Role		0	N	ZbdBoundary	Aggregatio

1	boundary					n
19. 2	Role (unnamed) ZbdArea		1	2	ZbdArea	

2.3.20 Association <<Topo>> ZbdPreservationArea-ZbdPreservationBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
20	Association ZbdPreservation Area- ZbdPreservation Boundary					
20. 1	Role boundaryPreserv ation		0	N	ZbdPreservatio nBoundary	Aggregatio n
20. 2	Role (unnamed) ZbdPreservation Area		1	2	ZbdPreservatio nArea	

2.3.21 Association <<Topo>> ZbdHazardArea-ZbdHazardBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
21	Association ZbdHazardArea- ZbdHazardBoun dary					
21. 1	Role boundaryHazard		0	N	ZbdHazardBou ndary	Aggregatio n
21. 2	Role (unnamed) ZbdHazardArea		1	2	ZbdHazardAre a	

2.3.22 Association <<Topo>> ZbdRestrictionArea-ZbdRestrictionBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
22	Association ZbdRestrictionAr ea- ZbdRestrictionBo undary					
22. 1	Role boundaryRestricti on		0	N	ZbdRestriction Boundary	Aggregatio n
22. 2	Role (unnamed) ZbdRestrictionAr ea		1	2	ZbdRestriction Area	

2.3.23 Association <<Topo>> ZbdOrderArea-ZbdOrderBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
23	Association ZbdOrderArea- ZbdOrderBoundary					
23.1	Role boundaryOrder		0	N	ZbdOrderBoundary	Aggregation
23.2	Role (unnamed) ZbdOrderArea		1	2	ZbdOrderArea	

2.3.24 Association <<Topo>> ZbdRenewalArea-ZbdRenewalBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
24	Association ZbdRenewalArea- ZbdRenewalBoundary					
24.1	Role boundaryRenewal		0	N	ZbdRenewalBoundary	Aggregation
24.2	Role (unnamed) ZbdRenewalArea		1	2	ZbdRenewalArea	

2.3.25 Association <<Topo>> ZbdPurposeArea-ZbdPurposeBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
25	Association ZbdPurposeArea- ZbdPurposeBoundary					
25.1	Role boundaryPurpose		0	N	ZbdPurposeBoundary	Aggregation
25.2	Role (unnamed) ZbdPurposeArea		1	2	ZbdPurposeArea	

2.3.26 Association ZbdArea-ZbdPreservationArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
26	Association ZbdArea- ZbdPreservation					

	Area					
26.1	Role preservation		0	N	ZbdPreservationArea	Aggregation
26.2	Role (unnamed) ZbdArea		1	1	ZbdArea	

2.3.27 Association ZbdArea-ZbdHazardArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
27	Association ZbdArea-ZbdHazardArea					
27.1	Role hazard		0	N	ZbdHazardArea	Aggregation
27.2	Role (unnamed) ZbdArea		1	1	ZbdArea	

2.3.28 Association ZbdArea-ZbdRestrictionArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
28	Association ZbdArea-ZbdRestrictionArea					
28.1	Role restriction		0	N	ZbdRestrictionArea	Aggregation
28.2	Role (unnamed) ZbdArea		1	1	ZbdArea	

2.3.29 Association ZbdArea-ZbdOrderArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
29	Association ZbdArea-ZbdOrderArea					
29.1	Role orderArea		0	N	ZbdOrderArea	Aggregation
29.2	Role (unnamed) ZbdArea		1	1	ZbdArea	

2.3.30 Association ZbdArea-ZbdRenewalArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
30	Association ZbdArea-ZbdRenewalArea					

30.1	Role renewal		0	N	ZbdRenewalArea	Aggregation
30.2	Role (unnamed) ZbdArea		1	1	ZbdArea	

2.3.31 Association ZbdArea-ZbdPurposeArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
31	Association ZbdArea-ZbdPurposeArea					
31.1	Role purposeArea		1	N	ZbdPurposeArea	Aggregation
31.2	Role (unnamed) ZbdArea		1	1	ZbdArea	

2.3.32 Association ZbdArea-ZbdLegalPoint

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
32	Association ZbdArea-ZbdLegalPoint					
32.1	Role legalPoint		0	N	ZbdLegalPoint	Aggregation
32.2	Role (unnamed) ZbdArea		1	1	ZbdArea	

2.3.33 Association ZbdArea-ZbdAnnotation

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
33	Association ZbdArea-ZbdAnnotation					
33.1	Role annotation		0	N	ZbdAnnotation	Aggregation
33.2	Role (unnamed) ZbdArea		1	1	ZbdArea	

2.3.34 Association ZbdArea-ZbdLegalLine

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
34	Association ZbdArea-ZbdLegalLine					
34.1	Role legalLine		0	N	ZbdLegalLine	Aggregation

34. 2	Role (unnamed) ZbdArea		1	1	ZbdArea	
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2.3.35 CodeLists

2.3.35.1 <<CodeList>> accessProvision

Nr	Code name	Definition/Description	Code
1	CodeList accessProvision	provision for access road in plan (PBA §§ 25 and 26, subsection 1) Note: States whether or not access road to land use category area is allowed, or whether the plan / provisions allow access via a category other than road (via pedestrian path, trail, etc.) In the latter-mentioned ??<truncated>	
1.1	exit road allowed		1
1.2	exit road not allowed		2

2.3.35.2 <<CodeList>> constructionProvision

Nr	Code name	Definition/Description	Code
2	CodeList constructionProvision	provision in plan for the location and design, etc. of buildings (PBA §20-4, subsection 2, letter a, §26, subsection 1, § 28-2) Note: Used where the plan indicates heights, roof ridge orientation, etc.	
2.1	Stipulated placement		1
2.2	Stipulated height		2
2.3	Stipulated placement/height		3
2.4	Stipulated roof ridge orientation		4
2.5	Stipulated placement/roof ridge orientation		5
2.6	Stipulated placement/height/roof ridge orientation		6
2.7	Stipulated design		7

2.3.35.3 <<CodeList>> RbPlantype

Nr	Code name	Definition/Description	Code
3	CodeList RbPlantype	type plan (PBL § 19-1, 6. ledd, § 20-1, 2. ledd og 5. ledd og § 22 og § 28-2)	
3.1	Zoning plan		30
3.2	Less significant zoning change		31
3.3	Building development plan in accordance with Zoning plan	Building development plan in accordance with zoning plan	32

3.4	Building development plan in accordance with municipal master plan, land use part	Building development plan in accordance with zoning plan	33
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2.3.35.4 <<CodeList>> ZoningCatUsagePurpose

Nr	Code name	Definition/Description	Code
4	CodeList ZoningCatUsagePurpose	type of land use category (PBA § 25, subsection 1)	
4.1	Building construction area	Construction area, PBA § 20-4, subsection 1, item 1 (for generalization)	100
4.2	Residential area	Residential area (detached, concentrated, blocks of flats)	110
4.3	Detached individual houses		111
4.4	Concentrated individual houses		112
4.5	Multi-story housing		113
4.6	Garage	Garages in residential areas	115
4.7	Business	Areas for business	120
4.8	Office	Areas for offices	130
4.9	Industry	Areas for industry	140
4.10	Leisure buildings	Areas for leisure buildings	150
4.11	Public buildings	Area for public buildings (state, county, municipality) (for generalization)	160
4.12	Public building - kindergarten		162
4.13	Public building - education		163
4.14	Public buildings - institution		164
4.15	Public building - church		166
4.16	Public building - assembly rooms		167
4.17	Public building - administrative building		169
4.18	General public usage	Area for specially designated general public usage. (the owner is indicated where possible) (for generalization)	170
4.19	General public usage - kindergarten		172
4.20	General public usage - education		173
4.21	General public usage - institution		174
4.22	General public usage - church		176
4.23	General public usage - assembly rooms		177
4.24	General public usage - administrative		179

	building		
4.25	Hostel and public house	Area for hostels and public houses (for generalization)	180
4.26	Hotel	Hotel with associated facilities	181
4.27	Catering		182
4.28	Garage facility and petrol station	Area for garage facilities / petrol stations (for generalization)	190
4.29	Garage facility		191
4.30	Petrol station	Area for garage facilities and petrol stations (for generalization)	192
4.31	Other construction area	Other construction area. The use must be specified in the provisions and must be within the framework of PBA § 25, subsection 1, item 1. (Note: detailing must be indicated as land use elaboration Merknad: detaljering må angis som reguleringsfomålsutdyping	199
4.32	Agricultural area	Agricultural area (PBA § 25, subsection 1, item 2), (for generalization)	200
4.33	Agriculture and forestry	Area for agriculture and forestry	210
4.34	Agricultural area reindeer husbandry	Reindeer farming area	220
4.35	Garden centre / Nursery	Area for garden centre / nursery	230
4.36	Allotment	Area for allotments	240
4.37	Other agricultural area	Other agricultural area. The use must be specified in the provisions and must be within the framework of PBA § 25. Note: detailing must be indicated as land use elaboration Merknad: detaljering må angis som reguleringsfomålsutdyping	299
4.38	Public traffic area	Public traffic areas (PBA § 25, subsection 1, item 3), (for generalization)	300
4.39	Road		310
4.40	Street with sidewalk		311
4.41	Other road area		319
4.42	Pedestrian/bicycle path		320
4.43	Bicycle path		321
4.44	Walkway		322
4.45	Streetside courtyard		330
4.46	Square		331
4.47	Roadside rest area		332
4.48	Parking lot		333
4.49	Public transport facility		340
4.50	Bus terminal		341

4.51	Bus stop		342
4.52	Taxi stand		343
4.53	Railway		350
4.54	Tram line / suburban rail		360
4.55	Airport with administration building	Airport with administration buildings	370
4.56	Airport / taxiway		371
4.57	Hangars, workshops, admin. buildings	Hangars, workshop, administration buildings	372
4.58	Harbour area (land portion)	Harbour area (facilities on shore)	380
4.59	Jetty		381
4.60	Facility for small boats (land portion)	Facility for small boats (facilities on shore)	382
4.61	Traffic area at sea and in watercourses		390
4.62	Shipping lane		391
4.63	Harbour area at sea		392
4.64	Other traffic area in sea/watercourse	Other traffic area in sea/watercourse. The use must be specified in the provisions and must be within the framework of PBA § 25, subsection 1, item 3. Note: detailing must be indicated as land use elaboration	398
4.65	Other traffic area	Other traffic area (on land) The use must be specified in the provisions and must be within the framework of PBA § 25, subsection 1, item 3. Note: detailing must be indicated as land use elaboration	399
4.66	Public outdoor recreation area	Public outdoor recreation area (PBA § 25, subsection 1, item 4), (for generalization)	400
4.67	Park		410
4.68	??Touring/Walking Trail		420
4.69	Ski trail		421
4.70	Play facility		430
4.71	Athletics and sports facility		440
4.72	Campgrounds		450
4.73	Other public outdoor recreation area	Other public outdoor recreation area. The use must be specified in the provisions and must be within the framework of PBA § 25, subsection 1, item 4. Note: detailing must be indicated as land use elaboration	459
4.74	Public outdoor recreation area in sea and watercourse	Public outdoor recreation area in sea and watercourse	460
4.75	Swimming area		461
4.76	Marina for small boats		462

4.77	Regatta course		463
4.78	Other public outdoor recreation area in sea/watercourse	Must be within the framework of PBA § 25, subsection 1, item 4	469
4.79	Special area	Special area (PBA § 25, subsection 1, item 6), (for generalization)	600
4.80	Private road		601
4.81	Green belt in an industrial area		611
4.82	Camping site		612
4.83	Area for open-air recreation (on land)	Area for open-air recreation on land (also hiking trail / ski trail)	613
4.84	Area for open-air recreation at sea/in watercourse	Area for open-air recreation at sea/in watercourse	614
4.85	Sports fac., not available to the public	Sports facility which is not available to the public	615
4.86	Golf course		616
4.87	Cemetery		617
4.88	Private facility for small boats (land portion)	Private facility for small boats (facilities on shore)	618
4.89	Private marina for small boats (sea portion)	Private marina for small boats (facilities on water)	619
4.90	Facility in the ground	Area for facility in the ground	620
4.91	Municipal engineering operations	Area for municipal engineering facilities and operations	621
4.92	Drinking water reservoir		622
4.93	Water- and sewerage installation		623
4.94	District heating plant	Area for construction and operation of district heating plant	624
4.95	Telecommunication facility		625
4.96	Armed forces facility	Training area with associated facilities for armed forces / civil defense	626
4.97	Radio navigation installation	Area and installation for operation of radio navigation aids outside airport	627
4.98	Fishing settlement		630
4.99	Other facilities in watercourse / at sea	Other area for facilities in watercourse or in the sea. Must be within the framework of PBA § 25, subsection 1, item 6 (Note: detailing must be indicated as land use elaboration)	631
4.100	Nature conservation area on land		650
4.101	Nature conservation area at sea / in watercourse		651
4.102	Climate conservation zone		652
4.103	Stone quarry and soil extraction site	Areas for stone quarry and soil extraction	670
4.104	Substantial terrain intervention	Other areas for substantial terrain intervention	671
4.105	special area reindeer husbandry		680

4.106	Fur farming facility		681
4.107	Market gardening center		685
4.108	Special facility	Area for special facilities (for generalization)	690
4.109	Cableway		691
4.110	Amusement park		692
4.111	Wind power	Area for wind power	693
4.112	Other special area	Other special area. The use must be specified in the provisions and must be within the framework of PBA § 25, subsection 1, item 6. Note: detailing must be indicated as land use elaboration	699
4.113	Common area	Common area (PBA § 25, subsection 1, item 7) (for generalization)	700
4.114	Common exit road		710
4.115	Common pedestrian area		720
4.116	Common parking area		730
4.117	Common playground	Common playground for children	750
4.118	Common courtyard		760
4.119	Common garage facility	Common area for garages	770
4.120	Common green area		780
4.121	Other common area	Other common area for more than one property	790
4.122	Combined use	Combined use (PBA § 25, subsection 2) (for generalization). Must be within the framework of PBA § 25, subsection 2	900
4.123	Dwelling/Business	Combined use (PBA § 25, subsection 2) (for generalization). Must be within the framework of PBA § 25, subsection 2	910
4.124	Dwelling/Business/Office	Combined use: Dwelling/Business/Office	911
4.125	Dwelling/Office	Combined use: Dwelling/Office	912
4.126	Dwelling/Public	Combined use: Dwelling/Public	913
4.127	Business/Office	Combined use: Business/Office	920
4.128	Business/Office/Industry	Combined use: Business/Office/Industry	921
4.129	Business/Industry	Combined use: Business/Industry	922
4.130	Business/Office/Public	Combined use: Business/Office/Public	923
4.131	Business/Public	Combined use: Business/Public	924
4.132	Office/Industry	Combined use: Office/Industry	930
4.133	Office/Public	Combined use: Office/Public	931
4.134	Office/Petrol station	Combined use: Office/Petrol station	939
4.135	Public/For the public benefit	Combined use: Public/For the public benefit	960
4.136	Catering/Petrol station	Combined use: Roadside service facility (Catering/Petrol station)	980

4.137	Other combined use	Other combined use. Must be within the framework of PBA § 25, subsection 2. Note: detailing must be indicated as land use elaboration	990
4.138	Uniform purpose	Uniform purpose (only for old plans) Note: detailing must be indicated as land use elaboration Merknad: detaljering må angis som reguleringsfomålsutdyping	999

2.3.35.5 <<CodeList>> ZoningCatPreservation

Nr	Code name	Definition/Description	Code
5	CodeList ZoningCatPreservation	type of land use category (PBA § 25, subsection 1)	
5.1	Preservation area	Preservation of buildings and facilities	660
5.2	Preservation of buildings		661
5.3	Preservation of facilities		662
5.4	Preservation of landscape and vegetation		663

2.3.35.6 <<CodeList>> ZoningCatHazard

Nr	Code name	Definition/Description	Code
6	CodeList ZoningCatHazard	type of land use category (PBA § 25, subsection 1)	
6.1	Hazard area	Hazard area (PBA § 25, subsection 1, item 5), (for generalization)	500
6.2	High voltage installation		510
6.3	Shooting range		520
6.4	Stores of flammable goods, etc.	Stores of flammable goods and other facilities which can be hazardous to the public	530
6.5	Avalanche hazard	Avalanche hazard area	540
6.6	Flood hazard	Flood hazard area	550
6.7	Specially designated hazard	Specially designated hazard area Note: detailing must be indicated as land use elaboration	590

2.3.35.7 <<CodeList>> ZoningCatOrder

Nr	Code name	Definition/Description	Code
7	CodeList ZoningCatOrder	type of land use category (PBA § 25, subsection 1)	
7.1	Purposive order		991

7.2	Temporary traffic area		992
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2.3.35.8 <<CodeList>> ZoningCatRenewal

Nr	Code name	Definition/Description	Code
8	CodeList ZoningCatRenewal	type of land use category (PBA § 25, subsection 1)	
8.1	Renewal area	Renewal area (PBA § 25, subsection 1, item 8), (for generalization)	800

2.3.35.9 <<CodeList>> ZoningCatRestriction

Nr	Code name	Definition/Description	Code
9	CodeList ZoningCatRestriction	type of land use category (PBA § 25, subsection 1)	
9.1	Unrestricted view zone	Unrestricted view zone by road	640
9.2	Restriction area airport	Restriction area around airport	641
9.3	Groundwater magazine		645
9.4	Catchment basin for potable water		646

2.3.35.10 <<CodeList>> LandUseCategory

Nr	Code name	Definition/Description	Code
10	CodeList LandUseCategory	type of land use category (PBA § 25, subsection 1)	

2.3.35.11 <<CodeList>> LegalLineType

Nr	Code name	Definition/Description	Code
11	CodeList LegalLineType	line in zoning / building development plan	
11.1	Regulated property plot boundary		1203
11.2	Property boundary which must be abolished		1204
11.3	Building which must be preserved	Building which must be preserved (only preservation areas)	1210
11.4	Building boundary		1211
11.5	Building line	Building line (mandatory placement in old plans)	1212
11.6	Planned buildings	Outline of planned buildings	1213
11.7	Buildings which are included in the	Outline of existing buildings which are included in the plan	1214

	plan		
11.8	Buildings which are supposed to be removed	Outline of buildings which are supposed to be removed	1215
11.9	Regulated centreline		1221
11.10	Line of unrestricted view in road intersection		1222
11.11	Regulated edge of lane	Regulated edge of lane (is used only where the plan stipulates legally binding localisation, change must be processed as a less important change)	1223
11.12	Regulated lane	Regulated lane (is used only where the plan stipulates legally binding localisation, change must be processed as a less important change)	1224
11.13	Regulated parking lot	Regulated parking lot (is used only where the plan stipulates legally binding localisation, change must be processed as a less important change)	1225
11.14	Regulated pedestrian crossing	Regulated pedestrian crossing (is used only where the plan stipulates legally binding localisation, change must be processed as a less important change)	1226
11.15	Regulated noise barrier	Regulated noise barrier (is used only where the plan stipulates legally binding localisation, change must be processed as a less important change)	1227
11.16	Safety fence		1235
11.17	Bridge	Bridge (is used only where the plan stipulates legally binding localisation, change must be processed as a less important change)	1252
11.18	Tunnel	Tunnel (is used only where the plan stipulates legally binding localisation, change must be processed as a less important change)	1254
11.19	Measurement and distance line		1259

2.3.35.12 <<CodeList>> LegalPointType

Nr	Code name	Definition/Description	Code
12	CodeList LegalPointType	point in zoning / building development plan	
12.1	Road closure / physical barrier to driving		1231
12.2	Closure of exit road		1241
12.3	Exit road		1242
12.4	Bridge pier		1251
12.5	Mouth of tunnel		1253

2.3.35.13 <<CodeList>> RbUtilisationType

Nr	Code name	Definition/Description	Code
13	CodeList RbUtilisationType	type/degree of utilization (PBA § 20-4, subsection 2, letter b and § 26, subsection 1 and TEK regulations, Chapter III)	
13.1	U	Tillatt grad av utnytting (byggeforskrift 1985 og tidligere)	4
13.2	F	Tillatt flateutnyttelse i prosent	5
13.3	BGA	Brutto gulvareal (BGA i kvm)	6
13.4	BFA	Bebygd flate (BFA i kvm)	7

2.3.35.14 <<CodeList>> PlanProvision

Nr	Code name	Definition/Description	Code
14	CodeList PlanProvision	indicates whether plan has provisions, in that case whether they are a separate text and whether they are marked on the plan map (PBA § 20-4, subsection 2, letters a-h and §26)	
14.1	Plan provisions emerge only from the map	Plan provisions emerge only from the map (building heights, etc.)	3
14.2	Plan provisions both on map and as text	Plan provisions both on map and as separate text	4

2.4 Expropriation

2.4.1 PbaExpropriationArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
1	Class PbaExpropriation Area	area with decisions regarding expropriation (PBA Chapter VIII, particularly § 35)				
1.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
1.2	position	location where the object exists	0	1	PointWithQuality	
1.3	caseNumber	unique number for individual cases and individual decisions (PBA § 93)	1	1	Integer	
1.4	dateOfDecision	date of resolution/decision on administrative decision (PBA § 93)	1	1	Date	
1.5	Role boundaryPbaExpropriation		0	N	PbaExpropriationBoundary	Aggregation

2.4.2 PbaExpropriationBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
2	Class PbaExpropriation Boundary	delimitation of decisions regarding expropriation (PBA Chapter VIII, particularly § 35)				
2.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
2.2	Role (unnamed) PbaExpropriation Area		1	2	PbaExpropriationArea	

2.4.3 Association <<Topo>> PbaExpropriationArea-PbaExpropriationBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
3	Association PbaExpropriation Area- PbaExpropriation Boundary					
3.1	Role		0	N	PbaExpropriationBoundary	Aggregation

	boundaryPbaExpropriation				onBoundary	n
3.2	Role (unnamed) PbaExpropriationArea		1	2	PbaExpropriationArea	

2.5 General restriction

2.5.1 NpgArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
1	Class NpgArea	national policy guidelines area (PBA § 17-1, subsection 6)				
1.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
1.2	position	location where the object exists	0	1	PointWithQuality	
1.3	generalRestriction	national policy provisions/guidelines and construction prohibition (PBA §§ 17-1 and 17-2)	1	1	GeneralRestriction	
1.4	dateEffective	date when plans become effective (PBA § 18, § 19-1, subsection 6, § 20-1, subsection 2, §§ 22 and 28-2)	1	1	Date	
1.5	planIdentification	unique identification of a plan within a municipality or a county (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5 and §§ 22 and 28-2)	0	1	CharacterString	
1.6	municipalityNumber	defines the municipality where the point is Note: Statistics Norway has an official list of municipality numbers, in which the two the first digits indicate the county number and the two last municipality	0	1	MunicipalityNumber	
1.7	Role boundaryNpg		0	N	NpgBoundary	Aggregation

2.5.2 NpgBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
2	Class NpgBoundary	national policy guidelines boundary (PBA § 17-1, subsection 1)				

2.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
2.2	Role (unnamed) NpgArea		1	2	NpgArea	

2.5.3 Association <<Topo>> NpgArea-NpgBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
3	Association NpgArea- NpgBoundary					
3.1	Role boundaryNpg		0	N	NpgBoundary	Aggregation
3.2	Role (unnamed) NpgArea		1	2	NpgArea	

2.5.4 CodeLists

2.5.4.1 <<CodeList>> GeneralRestriction

Nr	Code name	Definition/Description	Code
1	CodeList GeneralRestriction	national policy provisions/guidelines and construction prohibition (PBA §§ 17-1 and 17-2)	
1.1	National policy guideline	FF-National policy guideline, PBA § 17-1, subsection 1 (general code)	110
1.2	Area with particular NPG	FF-Area where particular NPG applies (unspecified) (PBA § 17-1, subsection 1, 1a)	111
1.3	NPG for the rights of children and youth	FF-NPG to safeguard the rights of children and youth (PBA § 17-1, subsection 1, item 1b)	112
1.4	NPG for the Oslo fjord	FF-NPG for the Oslo fjord (PBA § 17-1, subsection 1, item 1c)	113
1.5	NPG for coordinated area/transport plan	FF-NPG for coordinated area and transport planning (PBA § 17-1, subsection 1, item 1d)	114
1.6	NPG main airport Gardermoen	FF-NPG in connection with main airport Gardermoen (PBA § 17-1, subsection 1, item 1e)	115
1.7	NPG for protected watercourses	FF-NPG for protected watercourses (PBA § 17-1, subsection 1, item 1f)	116
1.8	Building prohibition ??special/particularly for building/construction projects	FF-Building prohibition for special building and construction projects (PBA § 17-1, subsection 1, item 2)	130
	Building prohibition in 100 metre zone/belt	FF-Building prohibition in 100 metre zone/belt (PBA § 17-2, subsection 1)	140

2.6 Municipal plans

2.6.1 MpArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
1	Class MpArea	municipal (master) plan area (PBA § 20-4, subsection 1)				
1.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
1.2	position	location where the object exists	0	1	PointWithQuality	
1.3	planIdentification	unique identification of a plan within a municipality or a county (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5 and §§ 22 and 28-2)	1	1	CharacterString	
1.4	municipality	numbering of municipalities in accordance with Statistics Norway's official list Note: Note: It must be emphasised that the municipality number always consists of 4 digits, i.e. is sometimes prefixed with a zero. Municipality is used for establishing relations to a number of other registers which also use 4 digits.	1	1	MunicipalityNumber	
1.5	planName	name of plan (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5 and § 22 and § 28-2)	1	1	CharacterString	
1.6	planType	type of plan (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5 and § 22 and § 28-2)	1	1	KpPlanType	
1.7	planStatus	the handling of the plan (PBA §§ 19-4, 20-5, 27-1, 27-2, 28-1 and 28-2) as well as the effect of the plan (PBA §§ 19-6, 20-6, 28-2 and 31)	1	1	KpPlanStatus	
1.8	dateEffective	dato for ikrafttredelse av planer (PBL § 18, § 19-1, 6. ledd, § 20-1, 2. ledd, § 22 og § 28-2)	1	1	Date	
1.9	planProvision	indicates whether plan has provisions, in that case	1	1	KpPlanProvisions	

		whether they are a separate text and whether they are marked on the plan map (PBA § 20-4, subsection 2, letters a-h and §26)				
1.10	Role (unnamed) MpBoundary		0	N	MpBoundary	Aggregation
1.11	Role landUseArea		1	N	MpLandUseArea	Aggregation
1.12	Role restriction		0	N	MpRestrictionArea	Aggregation
1.13	Role guideline		0	N	MpGuidelineArea	Aggregation
1.14	Role annotation		0	N	MpAnnotation	Aggregation
1.15	Role transportationLine		0	N	MpTransportationLine	Aggregation
1.16	Role transportPoint		0	N	MpTransportationPoint	Aggregation

2.6.2 MpBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
2	Class MpBoundary	municipal (master) plan boundary (PBA § 20-4, subsection 1)				
2.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
2.2	Role boundaryArea		1	2	MpArea	

2.6.3 MpLandUseBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
3	Class MpLandUseBoundary	delimitation of land use area in municipal (master) plan (PBA § 20-4, subsection 1)				
3.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
3.2	Role (unnamed) MpLandUseArea		1	1	MpLandUseArea	Aggregation
3.3	Role (unnamed)		1	2	MpLandUseArea	

	MpLandUseArea					
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2.6.4 MpLandUseArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
4	Class MpLandUseArea	land use area in municipal (master) plan (PBA § 20-4, subsection 1)				
4.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
4.2	position	location where the object exists	0	1	PointWithQuality	
4.3	landUse	land use category (PBA § 20-4, subsection 1)	1	1	LandUse	
4.4	landUseStatus	status of land use within general plan (PBA § 20-4, subsection 1 and § 25)	1	1	LandUseStatus	
4.5	landUseElaboration	elaboration of land use category (PBA § 20-4, subsection 1 and § 25)	0	1	CharacterString	
4.6	areaName	name/field designation for land use area within general plan (PBA § 20-4, subsection 1)	0	1	CharacterString	
4.7	utilization	degree of utilization (PBA § 20-4, subsection 2, letter b and § 26, subsection 1 and TEK regulations, Chapter III)	0	1	Utilization	
4.8	outdoorPlayArea	minimum outdoor play area (PBA § 26, subsection 2 and TEK regulations, Chapter III)	0	1	Integer	
4.9	Role (unnamed) MpLandUseBoundary		1	1	MpLandUseBoundary	
4.10	Role boundaryLandUse		0	N	MpLandUseBoundary	Aggregation
4.11	Role (unnamed) MpArea		1	1	MpArea	

2.6.5 MpRestrictionBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
5	Class MpRestrictionBoundary	delimitation of restriction area in municipal (master) plan (PBA § 20-4)				
5.1	border	course following the transition between	1	1	CurveWithQuality	

		different real world phenomena				
5.2	Role (unnamed) MpRestrictionArea		1	2	MpRestrictionArea	

2.6.6 MpRestrictionArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
6	Class MpRestrictionArea	restriction area in municipal (master) plan (PBA § 20-4)				
6.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
6.2	position	location where the object exists	0	1	PointWithQuality	
6.3	landUseRestrictions	supplementary provisions (PBA § 20-4, subsection 2, letters a-h and § 20-6, subsection 3)	1	1	LandUseRestrictions	
6.4	Role boundaryRestriction		0	N	MpRestrictionBoundary	Aggregation
6.5	Role (unnamed) MpArea		1	1	MpArea	

2.6.7 MpGuidelineBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
7	Class MpGuidelineBoundary	delimitation of guideline area in municipal (master) plan (PBA § 20-4)				
7.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
7.2	Role (unnamed) MpGuidelineArea		1	2	MpGuidelineArea	

2.6.8 MpAnnotation

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
8	Class MpAnnotation	supplerende tekst til kommune (-del) plan (PBL § 20-4, 1. ledd og § 25)				
8.1	position	location where the object exists	1	1	PointWithQuality	
8.2	generalTextString	STRING is defined with a	1	1	CharacterString	

	g	max. length of 70 char., which is sufficient for map purposes. SOSI may however handle longer texts, but one must then define and use user-defined names.			g	
8.3	Role (unnamed) MpArea		1	1	MpArea	

2.6.9 MpTransportationLine

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
9	Class MpTransportationLine	line as important element of the transportation system in municipal (master) plan (PBA § 20-4, subsection 1, item 6)				
9.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
9.2	transportationLineType	line in important element of transportation system in land use part of municipal plan	1	1	TransportationLineType	
9.3	verticalLevel	the location of the plan or its contents in relation to the Earth's surface (PBA § 19-1, subsection 6; § 20-1, subsections 2 and 5; §§ 22 and 28-2)	1	1	VerticalLevel	
9.4	landUseStatus	status of land use within general plan (PBA § 20-4, subsection 1 and § 25)	1	1	LandUseStatus	
9.5	importance	degree of importance for points/lines within the transportation system in general plan (PBA § 20-4, subsection 1, item 6)	0	1	Importance	
9.6	Role (unnamed) MpArea		1	1	MpArea	

2.6.10 MpTransportationPoint

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
10	Class MpTransportationPoint	point as important element of the transportation system in municipal (master) plan (PBA § 20-4, subsection 1, item 6)				

10.1	position	location where the object exists	1	1	PointWithQuality	
10.2	transportationPointType	point in important element of transportation system in land use part of municipal plan	1	1	TransportationPointType	
10.3	verticalLevel	the location of the plan or its contents in relation to the Earth's surface (PBA § 19-1, subsection 6; § 20-1, subsections 2 and 5; §§ 22 and 28-2)	1	1	VerticalLevel	
10.4	landUseStatus	status of land use within general plan (PBA § 20-4, subsection 1 and § 25)	1	1	LandUseStatus	
10.5	importance	degree of importance for points/lines within the transportation system in general plan (PBA § 20-4, subsection 1, item 6)	0	1	Importance	
10.6	Role (unnamed) MpArea		1	1	MpArea	

2.6.11 MpGuidelineArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
11	Class MpGuidelineArea	guideline area in municipal (master) plan (PBA § 20-4)				
11.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
11.2	position	location where the object exists	0	1	PointWithQuality	
11.3	landUseGuidelines	guidelines related to land use areas in general plan (PBA § 19-1, subsection 6 and § 20-4, subsection 1)	1	1	LandUseGuidelines	
11.4	Role boundaryGuideline		0	N	MpGuidelineBoundary	Aggregation
11.5	Role (unnamed) MpArea		1	1	MpArea	

2.6.12 Association <<Topo>> MpArea-MpBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
12	Association MpArea-MpBoundary					
12.1	Role (unnamed)		0	N	MpBoundary	Aggregation

	MpBoundary					
12.2	Role boundaryArea		1	2	MpArea	

2.6.13 Association <<Topo>> MpRestrictionArea-MpRestrictionBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
13	Association MpRestrictionArea-MpRestrictionBoundary					
13.1	Role boundaryRestriction		0	N	MpRestrictionBoundary	Aggregation
13.2	Role (unnamed) MpRestrictionArea		1	2	MpRestrictionArea	

2.6.14 Association MpLandUseBoundary-MpLandUseArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
14	Association MpLandUseBoundary-MpLandUseArea					
14.1	Role (unnamed) MpLandUseArea		1	1	MpLandUseArea	Aggregation
14.2	Role (unnamed) MpLandUseBoundary		1	1	MpLandUseBoundary	

2.6.15 Association <<Topo>> MpLandUseArea-MpLandUseBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
15	Association MpLandUseArea-MpLandUseBoundary					
15.1	Role boundaryLandUse		0	N	MpLandUseBoundary	Aggregation
15.2	Role (unnamed) MpLandUseArea		1	2	MpLandUseArea	

2.6.16 Association <<Topo>> MpGuidelineArea-MpGuidelineBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
16	Association MpGuidelineArea - MpGuidelineBoundary					
16.1	Role boundaryGuideline		0	N	MpGuidelineBoundary	Aggregation
16.2	Role (unnamed) MpGuidelineArea		1	2	MpGuidelineArea	

2.6.17 Association MpArea-MpLandUseArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
17	Association MpArea- MpLandUseArea					
17.1	Role landUseArea		1	N	MpLandUseArea	Aggregation
17.2	Role (unnamed) MpArea		1	1	MpArea	

2.6.18 Association MpArea-MpRestrictionArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
18	Association MpArea- MpRestrictionArea					
18.1	Role restriction		0	N	MpRestrictionArea	Aggregation
18.2	Role (unnamed) MpArea		1	1	MpArea	

2.6.19 Association MpArea-MpGuidelineArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
19	Association MpArea- MpGuidelineArea					
19.1	Role guideline		0	N	MpGuidelineArea	Aggregation
19.	Role		1	1	MpArea	

2	(unnamed) MpArea					
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2.6.20 Association MpArea-MpAnnotation

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
20	Association MpArea- MpAnnotation					
20. 1	Role annotation		0	N	MpAnnotation	Aggregation
20. 2	Role (unnamed) MpArea		1	1	MpArea	

2.6.21 Association MpArea-MpTransportationLine

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
21	Association MpArea- MpTransportationLine					
21. 1	Role transportationLine		0	N	MpTransportationLine	Aggregation
21. 2	Role (unnamed) MpArea		1	1	MpArea	

2.6.22 Association MpArea-MpTransportationPoint

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
22	Association MpArea- MpTransportationPoint					
22. 1	Role transportPoint		0	N	MpTransportationPoint	Aggregation
22. 2	Role (unnamed) MpArea		1	1	MpArea	

2.6.23 CodeLists

2.6.23.1 <<CodeList>> LandUseGuidelines

Nr	Code name	Definition/Description	Code
1	CodeList LandUseGuidelines	guidelines related to land use areas in general plan (PBA § 19-1, subsection 6 and § 20-4, subsection 1)	
1.1	Guidelines in ANR areas	FF-Guidelines in ANR areas (for generalization)	110
1.2	ANR area, predominantly agricultural		111
1.3	ANR area, predominantly outdoor recreation		112
1.4	ANR area, predominantly nature conservation		113
1.5	Other guideline	FF-Other guideline (for generalization)	120
1.6	Building/construction projects should not be allowed	FF-important landscape, footpath / greenbelt, where building and construction projects should not be allowed	121
1.7	Building/construction projects may be allowed	FF-important landscape, footpath / greenbelt, where building and construction projects may be allowed	122
1.8	ANR area of special cultural landscape interest		123
1.9	Guidelines for administrative processing	FF-Guidelines for administrative processing (for generalization)	130
1.10	City forest areas - Guidelines for administrative processing		131
1.11	Shopping centre establishment - Guidelines for administrative processing		132
1.12	Other guidelines for administrative processing		139
1.13	NPG for the Oslo fjord	FF-NPG for the Oslo fjord (PBA § 17-1, subsection 1, 1c) (for generalization)	140
1.14	Building area - the Oslo fjord		141
1.15	Open areas - the Oslo fjord		142
1.16	Beach soning - Oslo fjord		143

1.17	Sea area - the Oslo fjord		144
1.18	NPG for protected watercourses	FF-NPG for protected watercourses (PBA § 17-1, subsection 1, 1f) (for generalization)	150
1.19	Watercourse zone NPG	FF-main rivers, tributary rivers, large brooks, lakes and ponds and areas up to 100 m width along the banks/shorelines of these	151
1.20	Watercourse zone category 1 NPG	FF-Watercourse zone in and near cities and densely populated areas, which has or may come to have great significance for outdoor life	152
1.21	Watercourse zone category 2 NPG	FF-Watercourse zone with moderate intervention in the waterflow itself and where the surroundings consist of outfield, forestry and agricultural areas with scattered buildings	153
1.22	Watercourse zone category 3 NPG	FF-Watercourse zone which is minimally affected by modern human activity, and which therefore has considerable recreational/experiential and scientific value	154
1.23	Watercourse zone category 4 NPG	FF-Watercourse zone with local definition adopted by the municipality	155
1.24	Watershed for other NPG (RPR)	FF-other parts of the watershed which, based on technical documentation, have significance for the preservation value of the watercourse	156

2.6.23.2 <<CodeList>> TransportationLineType

Nr	Code name	Definition/Description	Code
2	CodeList TransportationLineType	line in important element of the transportation system in land use part of municipal or county plan	
2.1	Road network	Road network (for generalization)	1120
2.2	??Non-local road		1121
2.3	Primary road		1122
2.4	Trunk road		1124
2.5	Access road		1125
2.6	Pedestrian/bicycle path		1130
2.7	Bicycle path		1131
2.8	Walkway		1132
2.9	??Touring road / footpath route	??Touring road / footpath route (for generalization)	1140
2.10	Primary touring road		1141
2.11	Local touring road		1142
2.12	Ski tow		1143
2.13	Railway		1151
2.14	Tram line (suburban rail / streetcar)		1152
2.15	Cableway		1155
2.16	Shipping lane		1161
2.17	Small craft sea lane		1162

2.6.23.3 <<CodeList>> TransportationPointType

Nr	Code name	Definition/Description	Code
3	CodeList TransportationPointType	point in important element of the transportation system in the land use part of a municipal or county plan	
3.1	Road intersection		1129
3.2	Public transportation hub		1159

2.6.23.4 <<CodeList>> KpPlanStatus

Nr	Code name	Definition/Description	Code
4	CodeList KpPlanStatus	the handling of the plan (PBA §§ 19-4, 20-5, 27-1, 27-2, 28-1 and 28-2) as well as the effect of the plan (PBA §§ 19-6, 20-6, 28-2 and 31)	
4.1	Planning initiated		1
4.2	??Proposed plan / Plan proposal		2
4.3	Current plan		3

2.6.23.5 <<CodeList>> KpPlanProvisions

Nr	Code name	Definition/Description	Code
5	CodeList KpPlanProvisions	indicates whether plan has provisions, in that case whether they are a separate text and whether they are marked on the plan map (PBA § 20-4, subsection 2, letters a-h and §26)	
5.1	With provisions as separate text		1
5.2	Without provisions		2

2.6.23.6 <<CodeList>> KpPlanType

Nr	Code name	Definition/Description	Code
6	CodeList KpPlanType	type of plan (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5 and § 22 and § 28-2)	
6.1	Municipal master plan, land use part		20
6.2	Municipal plan		21

2.6.23.7 <<CodeList>> LandUseRestrictions

Nr	Code name	Definition/Description	Code
7	CodeList LandUseRestrictions	supplementary provisions (PBA § 20-4, subsection 2, letters a-h and § 20-6, subsection 3)	
7.1	Supplemental provisions	FF-Supplemental provisions (the Planning and Building Act §20-4, subsection 2)(for	100

		generalization)	
7.2	Requirements regarding zoning/building development plan	FF-Requirements regarding zoning or building development plan (PBA § 20-4, subsection 2, letter a) (for generalization)	110
7.3	Requirements regarding zoning plan	FF-Requirements regarding zoning plan (PBA § 20-4, subsection 2, letter a)	111
7.4	Requirements regarding building development plan	FF-Requirements regarding building development plan (PBA § 20-4, subsection 2, letter a)	112
7.5	Best om rekkefølge, karakter, omfang	Bestemmelser om utbyggingsrekkefølge, bebyggelsens karakter, omfang lokalisering m.v. (PBL § 20-4, 2. ledd, bokstav b og c). (For generalisering)	130
7.6	Provisions regarding building development sequence	FF-Provisions regarding building development sequence (PBA § 20-4, subsection 2, letter b).	131
7.7	Provisions regarding the character of the building development	FF-Provisions regarding the character of the building development (PBA § 20-4, subsection 2, letter b)	132
7.8	Provisions regarding the scope of the building development	FF-Provisions regarding the scope of scattered building development in ANR areas (PBA § 20-4, subsection 2, letter c)	133
7.9	Provisions regarding localisation	FF-Provisions regarding localisation of scattered building development in ANR areas (PBA § 20-4, subsection 2, letter c)	134
7.10	Prohibition on leisure buildings	FF-Provisions regarding prohibition on leisure buildings (PBA § 20-4, subsection 2, letter e).	135
7.11	Construction prohibition along watercourse	FF-Provisions regarding prohibition on specifically designated building and construction projects along watercourse up to 100 m from shoreline (PBA § 20-4, subsection 2, letter f)	136
7.12	Område som er unntatt fra rettsvirkning	Område som er unntatt fra rettsvirkning (PBL § 20-4, 2. ledd, § 20-5, 5. og 7. ledd og § 20-6, 3. ledd), (For generalisering)	140
7.13	Area exempted because of Objection	FF-Area exempt from legal effect because of objection (PBA § 20-5, subsection 5) or change/amendment (PBA § 20-5, subsection 7)	141
7.14	Area specially exempted from legal effect	FF-Area which is specially exempted from legal effect (PBA § 20-4, subsection 2, letter h)	142
7.15	Område unntatt for rettsvirkning	Område som er unntatt rettsvirkning fordi tidligere vedtatt rikspolitisk bestemmelse, reguleringsplan eller bebyggelsesplan fortsatt skal gjelde (§ 20-6, 3. ledd)	149
7.16	Restrictions pursuant to other bodies of law	FF-Restrictions pursuant to bodies of law other than the PBA	400
7.17	Drainage basin for potable water	FF-Drainage basin potable water (PBA § 20-4, subsection 2)	410
7.18	Groundwater area	FF-Groundwater area (PBA § 20-4, subsection 2)	411
7.19	Airplane noise zone	FF-Airplane noise zone (PBA § 20-4, subsection 2)	420
7.20	Other restriction	FF-Other restrictions (PBA § 20-4, subsection 2)	499

2.7 Prohibition of building

2.7.1 PbaBuildingSubdivisionProhibitionArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
1	Class PbaBuildingSubdivisionProhibitionArea	temporary building and subdivision prohibition area (PBA § 33)				
1.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
1.2	position	location where the object exists	0	1	PointWithQuality	
1.3	caseNumber	unique number for individual cases and individual decisions (PBA § 93)	1	1	Integer	
1.4	dateOfDecision	date of resolution/decision on administrative decision (PBA § 93)	1	1	Date	
1.5	Role boundaryPbaBuildingSubdivisionProhibition		0	N	PbaBuildingSubdivisionProhibitionBoundary	Aggregation

2.7.2 PbaBuildingSubdivisionProhibitionBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
2	Class PbaBuildingSubdivisionProhibitionBoundary	delimitation of temporary building and subdivision prohibition area (PBA § 33)				
2.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
2.2	Role (unnamed) PbaBuildingSubdivisionProhibitionArea		1	2	PbaBuildingSubdivisionProhibitionArea	

2.7.3 Association <<Topo>> PbaBuildingSubdivisionProhibitionArea-

Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
3	Association PbaBuildingSubdivisionProhibitionArea-				

	PbaBuildingSubdivisionProhibitionBoundary				
3.1	Role boundaryPbaBuildingSubdivisionProhibition		0	N	PbaBuildingSubdivisionProhibitionBoundary
3.2	Role (unnamed) PbaBuildingSubdivisionProhibitionArea		1	2	PbaBuildingSubdivisionProhibitionArea

2.8 Projects

2.8.1 PbaApplication

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
1	Class PbaApplication					
1.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
1.2	centerline	course followed by the central part of the Object	0	1	CurveWithQuality	
1.3	position	location where the object exists	0	1	PointWithQuality	
1.4	caseNumber	unique number for individual cases and individual decisions (PBA § 93)	1	1	Integer	
1.5	caseType	content of case (PBA § 93)	1	1	CaseType	
1.6	caseScope	scope of case (PBA § 93)	1	1	CaseScope	
1.7	processingStatus	status of case processing (PBA § 93)	1	1	processingStatus	
1.8	registrationMethod	method of registration of cases and projects (PBA § 93)	0	1	RegistrationMethod	
1.9	Role boundaryApplication		0	N	PbaApplicationBoundary	Aggregation

2.8.2 PbaApplicationBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
2	Class PbaApplicationBoundary	delimitation of application area for case according to the Planning and Building Act (individual decision)				
2.1	border	course following the transition between different real world	1	1	CurveWithQuality	

		phenomena				
2.2	Role (unnamed) PbaApplication		1	2	PbaApplication	

2.8.3 PbaProject

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
3	Class PbaProject	project (PBA § 93)				
3.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
3.2	centerline	course followed by the central part of the Object	0	1	CurveWithQuality	
3.3	position	location where the object exists	0	1	PointWithQuality	
3.4	caseNumber	unique number for individual cases and individual decisions (PBA § 93)	1	1	Integer	
3.5	projectNumber	sub-numbering of projects in case (PBA § 93)	1	1	Integer	
3.6	dateOfDecision	date of resolution/decision on administrative decision (PBA § 93)	1	1	Date	
3.7	decisionType	content of project decision in cases (PBA § 93)	1	1	DecisionType	
3.8	projectType	type of project within decided cases (PBA § 93)	1	1	ActionType	
3.9	cadastralNumber	unique identification of cadastral unit within municipality	0	1	CadastralNumber	
3.10	streetAddress	address information for street addresses Note 1: Street addresses are indicated by street number, house number and sometimes a letter as well as a sub-number.	0	1	StreetAddressId	
3.11	landRegisterAddress	unique identification of a cadastral address	0	1	CadastralAddressId	
3.12	buildingNumber	statistics Norway's numbering of buildings. The number is nationwide, and the municipalities have been allocated one or more number series. The first 8 digits are the serial number, while the ninth is a modulo-11 check digit.	0	1	Integer	
3.13	annexNo	serial numbering of annexes to a main building	0	1	Integer	

3.1 4	projectDescription	thorough description of individual project types within cases (PBA § 93)	0	1	CharacterString	
3.1 5	dispensation	dispensation related to decided project (PBA § 93)	0	1	Dispensation	
3.1 6	verticalLevel	the location of the plan or its contents in relation to the Earth's surface (PBA § 19-1, subsection 6, § 20-1, subsections 2 and 5, §§ 22 and 28-2)	0	1	VerticalLevel	
3.1 7	mapRegistration	status of map registration of decided projects (PBA § 93) Note: is changed when the project is registered on the base map	0	1	MapRegistration	
3.1 8	registrationMethod	method of registration of cases and projects (PBA § 93)	0	1	RegistrationMethod	
3.1 9	Role boundaryPbaProject		0	N	PbaProjectBoundary	Aggregation

2.8.4 PbaProjectBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
4	Class PbaProjectBoundary	delimitation of project (PBA § 93)				
4.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
4.2	Role (unnamed) PbaProject		1	2	PbaProject	

2.8.5 Association <<Topo>> PbaApplication-PbaApplicationBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
5	Association PbaApplication- PbaApplicationBoundary					
5.1	Role boundaryApplication		0	N	PbaApplicationBoundary	Aggregation
5.2	Role (unnamed) PbaApplication		1	2	PbaApplication	

2.8.6 Association <<Topo>> PbaProject-PbaProjectBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
6	Association PbaProject- PbaProjectBound ary					
6.1	Role boundaryPbaProj ect		0	N	PbaProjectBou ndary	Aggregatio n
6.2	Role (unnamed) PbaProject		1	2	PbaProject	

2.8.7 CodeLists

2.8.7.1 <<CodeList>> ActionType

Nr	Code name	Definition/Description	Code
1	CodeList ActionType		
1.1	Work which requires a building permit	Work which requires a building permit (PBA § 93)	10
1.2	New construction/Extension/Addition, facility	Erection, extension, addition, underpinning or placement of permanent , temporary or portable building, structure or facility (PBA § 93a), (for generalization)	20
1.3	New construction	New construction (PBA § 93a)	21
1.4	Extension	Extension (PBA § 93a)	22
1.5	Addition	Addition (PBA § 93a)	23
1.6	Substructure	Substructure (PBA § 93a)	24
1.7	Structure	Structure (PBA § 93a)	25
1.8	Alteration of the exterior (of a building), change/repair	Alteration of the exterior (of a building), significant change or significant repair of project (PBA § 93b)	30
1.9	Alteration of the exterior (of a building)	Alteration of the exterior (of a building) (PBA § 93b)	31
1.10	Repair	Repair (PBA § 93b)	32
1.11	Change of use, expansion/change of operation	Change of use or significant expansion or significant change of former operation of project (PBA § 93c)	35
1.12	Demolition of project	Demolition of project (PBA § 93d)	39
1.13	Technical building installation	Erection, alteration or repair of technical building installations (PBA § 93e)	40
1.14	Lift, escalator	Lift, escalator (PBA § 93e)	41
1.15	Ventilation facility	Ventilation facility (PBA § 93e)	42
1.16	Joining of separately occupied units in residences	93f. Division or joining of separately occupied units in residences as well as other reconstruction intended to convert dwellings to another purpose	45
1.17	Fencing, signs, advertising, etc.	Erecting fencing-off from road; signs or advertising devices, etc. (PBA § 93g)	50
1.18	Fence	Fence (PBA § 93g)	51
1.19	Wall	Wall (PBA § 93g)	52
1.20	Noise barrier	Noise barrier (PBA § 93g)	53
1.21	Signs, etc..	Signs, etc. (PBA § 93g)	54

1.22	Subdivision of property	Subdivision of property or the like leased out for more than 10 years (PBA § 93h)	60
1.23	Partition line	Partition line (PBA § 93h)	61
1.24	Boundary adjustment	Boundary adjustment (PBA § 93h)	62
1.25	Substantial terrain intervention	Substantial terrain intervention (PBA § 93i)	65
1.26	Fill??	Fill?? (PBA § 93i)	66
1.27	Soil extraction site	Soil extraction site (PBA § 93i)	67
1.28	Installation of road, parking lot, etc.	Installation of road or parking lot, etc. (PBA § 93j)	70
1.29	Road, parking, etc.	Road, parking, etc. (PBA § 93j)	71
1.30	Golf course, riding ground, etc.	Golf course, riding ground, etc. (PBA § 93j)	72
1.31	Other decisions		80
1.32	Exit road permit		81
1.33	Closure of exit road		82
1.34	Discharge permit		83

2.8.7.2 <<CodeList>> MapRegistration

Nr	Code name	Definition/Description	Code
2	CodeList MapRegistration	status of map registration of decided projects (PBA § 93) Note: is changed when the project is registered on the base map	
2.1	Not measured in on the map		1
2.2	Measured in on the map		2

2.8.7.3 <<CodeList>> DecisionType

Nr	Code name	Definition/Description	Code
3	CodeList DecisionType	content of project decision in cases (PBA § 93)	
3.1	Authorised		1
3.2	Authorised temporarily		2
3.3	Retracted		6
3.4	Revoked		7
3.5	Obsolete		8
3.6	Denied		9

2.8.7.4 <<CodeList>> Dispensation

Nr	Code name	Definition/Description	Code
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4	CodeList Dispensation	dispensation related to decided project (PBA § 93)	
4.1	PBA and associated regulations and ordinances	Dispensation from The Planning and Building Act and associated regulations, ordinances, etc. (generalised)	10
4.2	PBA	Dispensation from the Planning and Building Act	11
4.3	Building regulations	Dispensation from building regulations	12
4.4	PBA regulations	Dispensation from regulations under the Planning and Building Act	13
4.5	Land use, municipal (master) plan	Dispensation from land use municipal (master) plan	14
4.6	Provisions municipal (master) plan	Dispensation from provisions in municipal (master) plan	15
4.7	Zoning / building development plan	Dispensation from provisions in zoning plan / building development plan	16
4.8	The Public Roads Act	Dispensation from Public Roads Act	20
4.9	Land law	Dispensation from land law	30
4.10	Working Environment Act	Dispensation from Working Environment Act	40
4.11	The Pollution Act	Dispensation from the Pollution Act	50

2.8.7.5 <<CodeList>> processingStatus

Nr	Code name	Definition/Description	Code
5	CodeList processingStatus	status of administrative processing (PBA § 93)	
5.1	Application received		1
5.2	Being processed		2
5.3	Decided / processed		8
5.4	Retracted		9

2.8.7.6 <<CodeList>> CaseType

Nr	Code name	Definition/Description	Code
6	CodeList CaseType	content of case (PBA § 93)	
6.1	Inquiries		110
6.2	Building		120
6.3	??Construction / facility		130
6.4	Installation		140
6.5	Intervention in terrain		150
6.6	Subdivision		160
6.7	Discharge/emission		170

6.8	Road, traffic		180
6.9	Other matters		190

2.8.7.7 <<CodeList>> CaseScope

Nr	Code name	Definition/Description	Code
7	CodeList CaseScope	scope of case (PBA § 93)	
7.1	New		1
7.2	Expansion		2
7.3	Change		3
7.4	Change of use		4
7.5	Demolition / removal		5
7.6	Notification		6
7.7	Projects requiring simple processing		7
7.8	Reported breach of the law		8
7.9	Miscellaneous		9

2.8.7.8 <<CodeList>> RegistrationMethod

Nr	Code name	Definition/Description	Code
8	CodeList RegistrationMethod	method of registration of cases and projects (PBA § 93)	
8.1	Approx. indication		1
8.2	Digitised		2
8.3	Designed		3
8.4	Calculated for laying out		4

2.9 Reimbursement

2.9.1 PbaReimbursementArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
1	Class PbaReimbursementArea	area for decisions regarding reimbursement (PBA Chap. IX, esp. § 46)				
1.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
1.2	position	location where the object exists	0	1	PointWithQuality	
1.3	caseNumber	unique number for individual cases and individual decisions (PBA § 93)	1	1	Integer	
1.4	dateOfDecision	date of resolution/decision on administrative decision (PBA § 93)	1	1	Date	
1.5	Role boundaryReimbursement		0	N	PbaReimbursementBoundary	Aggregation

2.9.1.1 PbaReimbursementBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
2	Class PbaReimbursementBoundary	delimitation of decisions regarding reimbursement (PBA Chap. IX, esp. § 46)				
2.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
2.2	Role (unnamed) PbaReimbursementArea		1	2	PbaReimbursementArea	

2.9.1.2 Association <<Topo>> PbaReimbursementArea-PbaReimbursementBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
3	Association PbaReimbursementArea- PbaReimbursementBoundary					

3.1	Role boundaryReimbu rsment		0	N	PbaReimburs mentBoundary	Aggregatio n
3.2	Role (unnamed) PbaReimbursme ntArea		1	2	PbaReimburs mentArea	

2.9.1.3